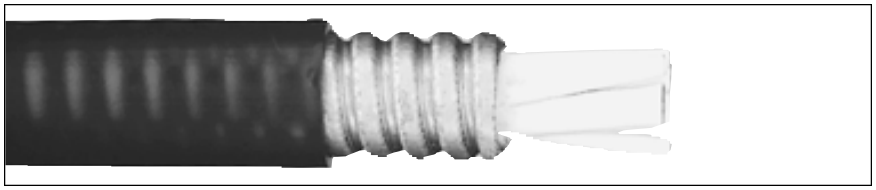
Duralox® Armored Control, XLPE/AIA/PVC

600V, UL Type MC, Multi-Conductor



14 AWG THRU 10 AWG CONDUCTORS - MULTI-CONDUCTOR - 600V

CATALOG NUMBER	NO. OF COND.	COND. (AWG) SIZE	GRND. WIRE (AWG) SIZE	NOM. DIA. (OVER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
				INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
14 AWG CONDUCTORS - MULTI-CONDUCTOR - 600V											
346410	2	14	14	0.475	12.07	0.580	14.73	39	58	180	268
346420	3	14	14	0.495	12.57	0.600	15.24	52	77	205	305
346430	4	14	14	0.530	13.46	0.635	16.13	65	97	233	347
346440	5	14	14	0.570	14.48	0.675	17.15	78	116	272	405
346450	7	14	14	0.611	15.52	0.715	18.16	104	155	311	463
346460	9	14	14	0.695	17.65	0.800	20.32	130	193	379	564
346470	12	14	14	0.775	19.69	0.880	22.35	168	250	460	685
346480	19	14	14	0.890	22.61	0.995	25.27	259	385	621	924
346490	25	14	14	1.015	25.78	1.120	28.45	337	502	776	1155
346500	37	14	14	1.160	29.46	1.265	32.13	492	732	1030	1533
12 AWG CONDUCTORS - MULTI-CONDUCTOR - 600V											
346510	2	12	12	0.515	13.08	0.621	15.77	62	92	218	324
346520	3	12	12	0.540	13.72	0.645	16.38	83	124	252	375
346530	4	12	12	0.580	14.73	0.685	17.40	103	153	297	442
346540	5	12	12	0.625	15.88	0.730	18.54	124	185	336	500
346550	7	12	12	0.670	17.02	0.775	19.69	165	246	398	592
346560	9	12	12	0.770	19.56	0.875	22.23	206	307	494	735
346570	12	12	12	0.855	21.72	0.960	24.38	268	399	596	887
346580	19	12	12	0.985	25.02	1.090	27.69	412	613	824	1226
346590	25	12	12	1.125	28.58	1.230	31.24	535	796	1238	1842
346600	37	12	12	1.295	32.89	1.400	35.56	781	1162	1403	2088
10 AWG CONDUCTORS - MULTI-CONDUCTOR - 600V											
346610	3	10	10	0.590	14.99	0.695	17.65	131	195	324	482
346620	4	10	10	0.635	16.13	0.740	18.80	164	244	379	564

Product Construction

Conductors:
- 14 AWG thru 10 AWG bare, compress concentric copper
- Class B stranding per ASTM B3 and B8

Insulation:
- Flame-retardant Cross-Linked Polyethylene (XLPE)
- Color code per ICEA Method 1; Table E-2 (does not include white or green)

Armor:
- Duralox® Aluminum Interlocked Armor (AIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND XX/C XX AWG (UL) TYPE MC XHHW-2 CDRS DIR BUR SUN RES FOR CT USE 600V MONTH-YEAR SEQUENTIALPRINT

Options:
- Tinned copper conductors
- E-1 color code
- Copper tape shield or aluminum/polymer tape shield with tinned copper drain wire over cable core
- Inner jacket only, outer jacket only, or both
- Galvanized Steel Interlocked Armor (GSIA)
- Other constructions available upon request

Applications:
- In all raceways or direct burial
- In wet or dry locations
- Permitted for use in Class I Division 2, Class II Division 2, and Class III Division 1 and 2 per NEC Article 334

Features:
- Rated at 90˚C wet or dry
- Sunlight-resistant
- Provide excellent oil and chemical resistance
- Excellent crush resistance
- Provide a long service life
- Flame-retardant and resistance to moisture
- Cost effective alternative to installations in conduit
- Meets cold bend test at - 25˚C

Compliances:
- UL 1569
- UL 44
- ICEA S-95-658/NEMA WC 70 (formerly ICEA S-66-524/NEMA WC 7)
- UL Type MC- 600 volts
- NEC Type XHHW-2 conductors
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- ICEA T-29-520 (210,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHAacceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

Phone:(800) 338-0901
www.generalcable.com

Duralox® Armored Power, XLPE/AIA/PVC

600V, UL Type MC, Three and Four Conductor

Product Construction

Conductors:
- 8 AWG thru 4/0 AWG bare copper compressed concentric
- Class B stranding per ASTM B8

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Insulation:
- Cross-Linked Polyethylene (XLPE)

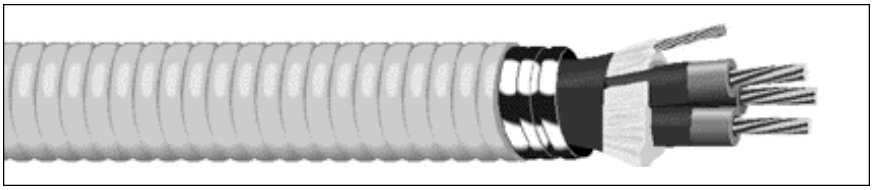
Armor:
- DuraLox® Aluminum Interlocked Armor (AIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (AWG OR KCMIL) 3/C OR 4/C (AS APPLICABLE) TYPE XHHW-2 CDRS 1/C SIZE AWG GRD SUN RES FOR CT USE DIR BUR 600V (UL) MONTH/YEAR SEQUENTIAL PRINT

Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial, and utility applications, where maximum performance is demanded, ease of installation desired, and fire resistance is critical



Applications (con't):
- Permitted for use in Class I, Class II, Division 2, Class III, Division 1 and 2 hazardous locations per the NEC
- Installed in both exposed or concealed work, wet or dry locations, indoors or outdoors, and cable trays

Features:
- Rated at 90˚C wet or dry
- Provide excellent oil and chemical resistance
- Excellent crush resistance
- Provide a long service life
- Cost effective alternative to installations in conduit
- Meets cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . Article 310-15, 318-11
- Conductor Sizes. . . . . Article 250-95
- Type MC. . . . . Article 334
- Wiring Methods. . . . . Article 300-A
- Cable Trays. . . . . Article 318
- Hazardous Location . . . . Article 500
- UL 1569
- UL 44

Compliances (con't):
- ICEA S-95-658/NEMA WC 70 (formerly ICEA S-66-524/NEMA WC-7)
- UL Type MC- 600 volts
- NEC Type XHHW-2 conductors
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- ICEA T-29-520 (210,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- For U.S. customers, material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

8 AWG THRU 4/0 AWG CONDUCTORS - THREE AND FOUR CONDUCTOR - 600V

CATALOG NUMBER	NO. OF COND.	COND. (AWG) SIZE	COND DIA. INCHES	GROUND WIRE (AWG) SIZE	NOM. INSULATION DIA.		NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		NOM. CABLE OD.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
					INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	lbs/1000ft	kg/km
346630	3	8	.145	10	.242	6.15	.552	14.02	.752	19.10	.857	21.77	189	281	443	659
346640	4	8	.145	10	.242	6.15	.614	15.60	.814	20.68	.921	23.39	241	359	535	796
11298.030600	3	6	.183	8	.280	7.11	.633	16.08	.833	21.16	.940	23.88	300	446	587	874
11298.040600	4	6	.183	8	.280	7.11	.706	17.93	.906	23.01	1.014	25.76	383	570	714	1063
11298.030400	3	4	.231	8	.328	8.33	.737	18.72	.927	23.55	1.035	26.29	447	665	771	1147
11298.040400	4	4	.231	8	.328	8.33	.822	20.88	1.012	25.70	1.120	28.45	577	859	952	1417
11298.030200	3	2	.291	6	.388	9.86	.866	27.00	1.056	26.82	1.165	29.59	710	1057	1076	1601
11298.040200	4	2	.291	6	.388	9.86	.967	24.56	1.157	29.39	1.266	32.16	919	1368	1364	2030
11298.030100	3	1	.325	6	.442	11.23	.983	24.97	1.173	29.79	1.283	32.59	873	1299	1311	1951
11298.040100	4	1	.325	6	.442	11.23	1.099	27.91	1.289	32.74	1.399	35.53	1136	1691	1674	2491
11298.035100	3	1/0	.365	6	.483	12.27	1.071	27.20	1.261	32.03	1.371	34.82	1081	1609	1596	2375
11298.045100	4	1/0	.365	6	.483	12.27	1.195	30.35	1.385	35.18	1.496	38.00	14.13	2103	1984	2953
11298.035200	3	2/0	.410	6	.529	13.44	1.170	29.72	1.360	34.54	1.471	37.36	1341	1996	1876	2792
11298.045200	4	2/0	.410	6	.529	13.44	1.307	33.20	1.587	40.31	1.721	43.71	1760	2619	2537	3776
11298.035300	3	3/0	.461	4	.580	14.73	1.280	32.51	1.560	39.62	1.694	43.03	1717	2555	2417	3597
11298.045300	4	3/0	.461	4	.580	14.73	1.430	36.32	1.710	43.43	1.844	46.84	2245	3341	3126	4652
11298.035400	3	4/0	.517	4	.637	16.18	1.403	35.64	1.683	42.75	1.817	46.15	2130	3170	2962	4408
11298.045400	4	4/0	.517	4	.637	16.18	1.568	39.83	1.848	46.94	1.982	50.34	2796	4161	3666	5456

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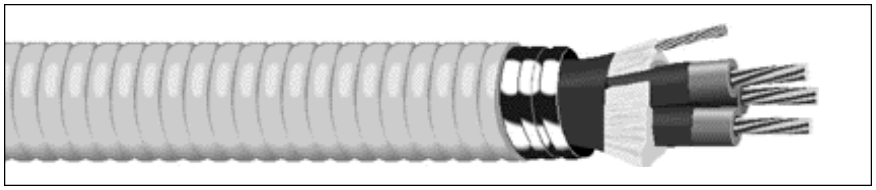
BICC BRAND

Duralox® Armored Power, XLPE/AIA/PVC

600V, UL Type MC, Three and Four Conductor



Product Construction

Conductors:
- 250 kcmil thru 1000 kcmil bare copper compressed concentric
- Class B stranding per ASTM B8

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Insulation:
- Cross-Linked Polyethylene (XLPE)

Armor:
- DuraLox® Aluminum Interlocked Armor (AIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (AWG OR KCMIL) 3/C OR 4/C (AS APPLICABLE) TYPE XHHW-2 CDRS 1/C SIZE AWG GRD SUN RES FOR CT USE DIR BUR 600V (UL) MONTH/YEAR SEQUENTIAL PRINT

Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial, and utility applications, where maximum performance is demanded, ease of installation desired, and fire resistance is critical
- Permitted for use in Class I, Class II, Division 2, Class III, Division 1 and 2 hazardous locations per the NEC
- Installed in both exposed or concealed work, wet or dry locations, indoors or outdoors, and cable trays

Features:
- Rated at 90˚C wet or dry
- Provide excellent oil and chemical resistance
- Excellent crush resistance
- Provide a long service life
- Cost effective alternative to installations in conduit
- Meets cold bend test at -25˚C

Compliances:
- Ampacities . . . . . Article 310-15, 318-11
- Conductor Sizes. . . . . Article 250-95
- Type MC. . . . . Article 334
- Wiring Methods. . . . . Article 300-A
- Cable Trays. . . . . Article 318
- Hazardous Location . . . . Article 500
- UL 1569
- UL 44
- ICEA S-95-658/NEMA WC 70 (formerly ICEA S-66-524/NEMA WC-7)
- UL Type MC- 600 volts
- NEC Type XHHW-2 conductors
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- ICEA T-29-520 (210,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- For U.S. customers, material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

250 KCMIL THRU 1000 KCMIL CONDUCTORS - THREE AND FOUR CONDUCTOR - 600V

CATALOG NUMBER	NO. OF COND.	COND. (kcmil) SIZE	COND DIA. INCHES	GROUND WIRE (AWG) SIZE	NOM. INSULATION DIA.		NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		NOM. CABLE OD.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
					INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	lbs/1000ft	kg/km
11298.036000	3	250	.564	4	.705	17.91	1.549	39.34	1.829	46.46	1.964	49.89	2495	3713	3399	5058
11298.046000	4	250	.564	4	.705	17.91	1.732	43.99	2.012	51.10	2.148	54.56	3282	4884	4294	6390
11298.036200	3	350	.667	3	.809	20.55	1.773	45.03	2.053	52.15	2.189	55.60	3474	5170	4505	6704
11298.046200	4	350	.667	3	.809	20.55	1.983	50.37	2.263	57.48	2.433	61.80	4517	6722	5801	8633
11298.036500	3	500	.797	2	.941	23.90	2.058	52.27	2.338	59.39	2.508	63.70	4934	7343	6165	9175
11298.046500	4	500	.797	2	.941	23.90	2.302	58.47	2.582	65.58	2.752	69.90	6509	9687	7993	11895
11298.037000	3	750	.978	1	1.154	29.31	2.517	63.93	2.797	71.04	2.969	75.41	7351	10940	9107	13553
11298.047000	4	750	.978	1	1.154	29.31	2.816	71.53	3.096	78.64	3.286	83.46	9713	14455	11764	17507
11298.037500	3	1000	1.129	1/0	1.307	33.20	2.847	72.31	3.127	79.43	3.317	84.25	9783	14559	11993	17848
11298.047500	4	1000	1.129	1/0	1.307	33.20	3.185	80.90	3.465	80.01	3.655	92.84	12932	19245	15398	22915

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Duralox® Armored Power, PVC/Nylon/GSIA/PVC

600V, UL Type MC, Three and Four Conductor

Product Construction

Conductor:
- 8 AWG thru 500 kcmil bare, compressed concentric copper
- Class B stranding per ASTM B3 and B8

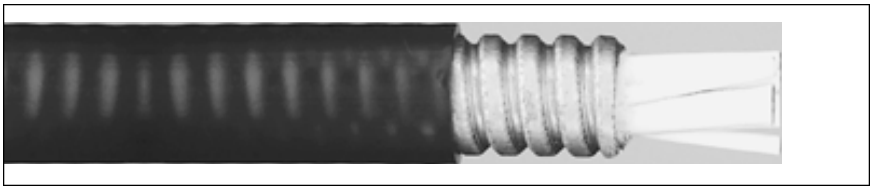
Insulation:
- Premium grade, flame-retardant colored Polyvinyl Chloride (PVC) with extruded clear Polyamide (nylon)
- Color code: per ICEA Method 4; individual conductors colored black with conductor number surface printed in contrasting ink

Armor:
- Galvanized Steel Interlocked Armor (GSIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND XX/C XX AWG (UL) TYPE MC THHN/THWN CDRS DIR BUR SUN RES FOR CT USE 600V MONTH/YEAR SEQUENTIAL PRINT

Options:
- Other constructions available upon request



Applications:
- In all raceways or direct burial
- In wet or dry locations
- Permitted for use in Class I Division 2, Class II Division 2, and Class III Division 1 and 2 per NEC Article 334

Features:
- Rated at 90˚C wet or dry
- Provide excellent oil and chemical resistance
- Excellent crush resistance
- Provide a long service life
- Sunlight resistant and flame-retardant
- Cost effective alternative to installations in conduit
- Meets cold bend test -25˚C

Compliances:
- ICEA S-95-658/NEMA WC 70 (Formerly ICEA S-61-402/NEMA WC 5)
- UL 1569
- UL 83
- UL Type MC- 600 volts
- NEC Type THHN/THWN-2 single conductors
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- ICEA T-29-520 (210,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

8 AWG THRU 500 KCMIL CONDUCTORS - THREE & FOUR CONDUCTOR - 600V

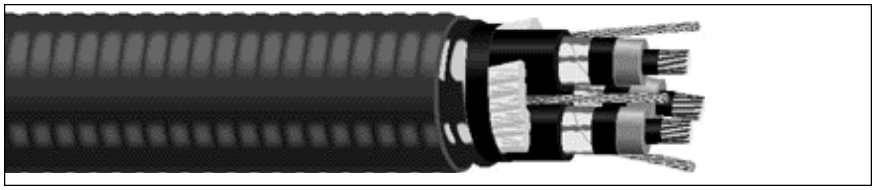
CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	GROUND WIRE (AWG) SIZE	NOM. DIA. OVER ARMOR		NOM. CABLE OD.		COPPER WEIGHT		NET WEIGHT W/ STEEL ARMOR	
				INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	lbs/1000ft	kg/km
346650	3	8	10	0.675	17.15	0.780	19.81	189	281	565	841
346660	4	8	10	0.730	18.54	0.835	21.21	241	359	723	1076
346670	3	6	8	0.765	19.43	0.870	22.10	300	446	816	1214
346680	4	6	8	0.835	21.21	0.940	23.88	383	570	969	1442
346690	3	4	8	0.930	23.62	1.035	26.29	447	665	1134	1688
346700	4	4	8	1.015	25.78	1.120	28.45	577	859	1354	2015
346710	3	2	6	1.060	26.92	1.165	29.59	710	1057	1529	2275
346720	4	2	6	1.160	29.46	1.265	32.13	919	1368	1839	2737
346730	3	1	6	1.180	29.97	1.285	32.64	873	1299	1818	2706
346740	4	1	6	1.300	33.02	1.405	35.69	1136	1691	2232	3322
346750	3	1/0	6	1.270	32.26	1.375	34.93	1081	1609	2143	3189
346760	4	1/0	6	1.400	35.56	1.505	38.23	1413	2103	2598	3866
346770	3	2/0	6	1.380	35.05	1.485	37.72	1341	1996	2500	3721
346780	4	2/0	6	1.520	38.61	1.645	41.78	1760	2619	3132	4661
346790	3	4/0	4	1.610	40.89	1.735	44.07	2130	3170	3369	5014
346800	4	4/0	4	1.790	45.47	1.915	48.64	2796	4161	4223	6285
346810	3	250	4	1.760	44.70	1.885	47.88	2495	3713	3919	5832
346820	4	250	4	1.950	49.53	2.075	52.71	3282	4884	4849	7216
346830	3	350	3	1.990	50.55	2.115	53.72	3474	5170	5195	7731
346840	4	350	3	2.200	55.88	2.325	59.05	4577	6811	6530	9718
346850	3	500	2	2.280	57.91	2.435	61.85	4934	7343	6990	10403
346860	4	500	2	2.530	64.26	2.685	68.20	6509	9687	8896	13239

General Cable
Phone:(800) 338-0901
www.generalcable.com

BICC BRAND

Duralox® Uniblend® Armored Power, Shielded, EPR/AIA/PVC

5kV, UL Type MV-105 or MC, Three Conductor, 133% or 8kV 100% Ins Level, 115 Mils



Product Construction

Conductors:
- 6 AWG thru 1000 kcmil bare, Anapact™ compact copper Class B strand

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Thermoset semi-conducting extruded stress control layer over conductor

Insulation:
- Ethylene Propylene Rubber (EPR) insulation, colored to contrast with black conducting layers

Extruded Insulation Shield (EIS):
- Thermoset semi-conducting polymeric layer free stripping from insulation

Shield:
- 5 mil annealed copper tape with a minimum 25% overlap

Armor:
- DuraLox® Aluminum Interlocked Armor (AIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE kV% INS LEVEL SUN RES FOR CT USE DIR BUR (UL) LIGHTING BOLT SYMBOL MONTH-YEAR SEQUENTIAL PRINT

Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance is demanded, space is limited, ease of installation is critical, and resistance is necessary
- Installed in wet or dry locations, indoors or outdoors, in exposed or concealed work
- May be used in cable trays or on approved support in protected areas

Features:
- Rated at 105˚C wet or dry
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress

Features (con't):
- Low dielectric loss
- Chemical and radiation-resistant
- Excellent crush resistance
- Cost effective alternative to installations in conduit
- Meets cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . Article 310-15, 318-13
- Ground Conductor . . . . . Article 250-94
- Type MC. . . . . Article 334
- Bending Radius. . . . . Article 334-11
- Wiring. . . . . Article 300 + 311
- Cable Trays. . . . . Article 318
- Type MV . . . . . Article 326
- Hazardous Locations . . . Article 500
- UL 1072
- ICEA S-93-639/NEMA WC-74 (formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (formerly AEIC CS6)
- UL listed as Type MV-105
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

6 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 5kV, 133% INS. LEVEL OR 8kV, 100% INS. LEVEL, 115 MILS INS. (2.92 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	COND. STRAND	COND. DIA. INCHES	NOM. ESS DIA INCHES	NOM. ESS DIA mm	NOM. INS. DIA INCHES	NOM. INS. DIA mm	NOM. EIS DIA INCHES	NOM. EIS DIA mm	GRND. WIRE (AWG) SIZE	NOM. DIA. (UNDER) ARMOR INCHES	NOM. DIA. (UNDER) ARMOR mm	NOM. DIA. (OVER) ARMOR INCHES	NOM. DIA. (OVER) ARMOR mm	NOM. CABLE OD. INCHES	NOM. CABLE OD. mm	COPPER WEIGHT lbs/1000ft	COPPER WEIGHT kg/km	NET WEIGHT W/ AL ARMOR lbs/1000ft	NET WEIGHT W/ AL ARMOR kg/km
17473.530600	3	6	7	0.17	0.19	4.83	0.43	10.92	0.49	12.45	3-#10	1.12	28.45	1.31	33.27	1.57	39.88	478	711	1441	2144
17473.530400	3	4	7	0.22	0.24	6.10	0.47	11.94	0.54	13.72	3-#10	1.22	30.99	1.41	35.81	1.67	42.42	635	945	1749	2603
17473.530200	3	2	7	0.27	0.29	7.37	0.53	13.46	0.60	15.24	3-#10	1.34	34.04	1.62	41.15	1.94	49.28	879	1308	2309	3557
17473.535100	3	1/0	19	0.34	0.36	9.14	0.60	15.24	0.67	17.02	3-#8	1.50	38.10	1.78	45.21	2.10	53.34	1320	1964	3035	4517
17473.535200	3	2/0	19	0.38	0.41	10.41	0.64	16.26	0.71	18.03	3-#8	1.59	40.39	1.87	47.50	2.20	55.88	1589	2365	3405	5067
17473.535400	3	4/0	19	0.48	0.51	12.95	0.74	18.80	0.82	20.83	3-#6	1.83	46.48	2.11	53.59	2.44	61.98	2441	3633	4580	6816
17473.536000	3	250	37	0.53	0.55	13.97	0.79	20.07	0.86	21.84	3-#6	1.92	48.77	2.20	55.88	2.53	64.26	2812	4185	5080	7560
17473.536200	3	350	37	0.62	0.65	16.51	0.89	22.61	0.96	24.38	3-#6	2.13	54.10	2.41	61.21	2.79	70.87	3765	5603	6511	9690
17473.536500	3	500	37	0.74	0.77	19.56	1.01	25.65	1.11	28.19	3-#4	2.40	60.96	2.68	68.07	3.07	77.98	5344	7953	8543	12714
17473.537000	3	750	61	0.91	0.95	24.13	1.19	30.23	1.29	32.77	3-#4	2.84	72.14	3.12	79.25	3.54	89.92	7759	11547	11651	17339
17473.537500	3	1000	61	1.06	1.10	27.94	1.35	34.29	1.45	36.83	3-#4	3.17	80.52	3.45	87.63	3.91	99.31	10095	15023	14868	22127

BICC BRAND

General Cable
Phone:(800) 338-0901
www.generalcable.com

Duralox® Uniblend® Armored Power, Shielded, EPR/AIA/PVC

15kV, UL Type MV-105 or MC, Three Conductor, 100% Ins Level, 175 Mils

Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare, Anapact™ compact copper Class B strand

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Thermoset semi-conducting extruded stress control layer over conductor

Insulation:
- Ethylene Propylene Rubber (EPR) insulation, colored to contrast with black conducting layers

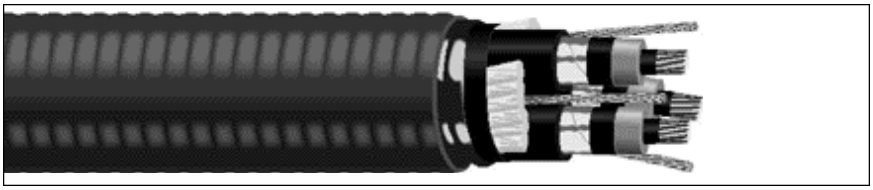
Extruded Insulation Shield (EIS):
- Thermoset semi-conducting polymeric layer free stripping from insulation

Shield:
- 5 mil annealed copper tape with a minimum 25% overlap

Armor:
- DuraLox® Aluminum Interlocked Armor (AIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE kV% INS LEVEL SUN RES FOR CT USE DIR BUR (UL) LIGHTING BOLT SYMBOL MONTH-YEAR SEQUENTIAL PRINT



Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance is demanded, space is limited, ease of installation is critical, and resistance is necessary
- Installed in wet or dry locations, indoors or outdoors, in exposed or concealed work
- May be used in cable trays or on approved support in protected areas

Features:
- Rated at 105°C wet or dry
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemical and radiation-resistant
- Excellent crush resistance
- Cost effective alternative to installations in conduit
- Meets cold bend test at -25°C

Compliances:

1999 NEC:
- Ampacities . . . . . Article 310-15, 318-13
- Ampacities . . . . . Article 318-13
- Ground Conductor . . . . . Article 250-94
- Type MC. . . . . Article 334
- Bending Radius. . . . . Article 334-11
- Wiring. . . . . Article 300 + 311
- Cable Trays. . . . . Article 318
- Type MV . . . . . Article 326
- Hazardous Locations . . . Article 500
- UL 1072
- ICEA S-93-639/NEMA W74 (formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (formerly AEIC CS6)
- UL listed as Type MV-105
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 15kV, 100% INS. LEVEL, 175 MILS INS. (4.45 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	COND. STRAND	COND. DIA. INCHES	NOM. ESS DIA INCHES	NOM. ESS DIA mm	NOM. INS. DIA INCHES	NOM. INS. DIA mm	NOM. EIS DIA INCHES	NOM. EIS DIA mm	GRND. WIRE (AWG) SIZE	NOM. DIA. (UNDER) ARMOR INCHES	NOM. DIA. (UNDER) ARMOR mm	NOM. DIA. (OVER) ARMOR INCHES	NOM. DIA. (OVER) ARMOR mm	NOM. CABLE OD. INCHES	NOM. CABLE OD. mm	COPPER WEIGHT lbs/1000ft	COPPER WEIGHT kg/km	NET WEIGHT W/ AL ARMOR lbs/1000ft	NET WEIGHT W/ AL ARMOR kg/km
17475.530200	3	2	7	0.27	0.29	7.37	0.65	16.51	0.72	18.29	3-#10	1.61	40.89	1.89	48.01	2.21	56.13	897	1335	2841	4228
17475.535100	3	1/0	19	0.34	0.36	9.14	0.72	18.29	0.79	20.07	3-#8	1.77	44.96	2.05	52.07	2.37	60.20	1338	1991	3514	5230
17475.535200	3	2/0	19	0.38	0.41	10.41	0.76	19.30	0.83	21.08	3-#8	1.86	47.24	2.14	54.36	2.46	62.48	1607	2392	3898	5801
17475.535400	3	4/0	19	0.48	0.51	12.95	0.87	22.10	0.94	23.88	3-#6	2.08	52.83	2.36	59.94	2.74	69.60	2453	3651	5288	7870
17475.536000	3	250	37	0.53	0.55	13.97	0.91	23.11	0.99	25.15	3-#6	2.18	55.37	2.46	62.48	2.85	72.39	2827	4207	5820	8661
17475.536200	3	350	37	0.62	0.65	16.51	1.01	25.65	1.08	27.43	3-#6	2.39	60.71	2.67	67.82	3.06	77.72	3780	5625	7142	10629
17475.536500	3	500	37	0.74	0.77	19.50	1.13	28.70	1.23	31.24	3-#4	2.71	68.83	2.99	75.95	3.38	85.85	5353	7966	9324	13876
17475.537000	3	750	61	0.91	0.95	24.13	1.31	33.27	1.41	35.81	3-#4	3.10	78.74	3.38	85.85	3.83	97.28	7733	11508	12703	18905
17475.537500	3	1000	61	1.06	1.10	27.94	1.47	37.34	1.57	39.88	3-#4	3.44	87.38	3.72	94.49	4.18	106.17	10101	15032	15710	23380

General Cable
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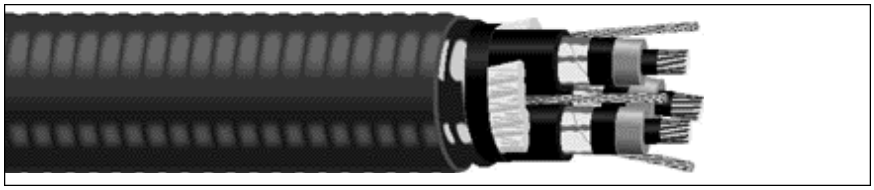
BICC BRAND

Duralox® Uniblend® Armored Power, Shielded, EPR/AIA/PVC

15kV, UL Type MV-105 or MC, Three Conductor, 133% Ins Level, 220 Mils



Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare, Anapact™ compact copper Class B strand

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Thermoset semi-conducting extruded stress control layer over conductor

Insulation:
- Ethylene Propylene Rubber (EPR) insulation, colored to contrast with black conducting layers

Extruded Insulation Shield (EIS):
- Thermoset semi-conducting polymeric layer free stripping from insulation

Shield:
- 5 mil annealed copper tape with a minimum 25% overlap

Armor:
- DuraLox® Aluminum Interlocked Armor (AIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE kV% INS LEVEL SUN RES FOR CT USE DIR BUR (UL) LIGHTING BOLT SYMBOL MONTH-YEAR SEQUENTIAL PRINT

Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance is demanded, space is limited, ease of installation is critical, and resistance is necessary
- Installed in wet or dry locations, indoors or outdoors, in exposed or concealed work
- May be used in cable trays or on approved support in protected areas

Features:
- Rated at 105°C wet or dry
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption

Features (con't):
- Electrical stability under stress
- Low dielectric loss
- Chemical and radiation-resistant
- Excellent crush resistance
- Cost effective alternative to installations in conduit
- Meets cold bend test at -25°C

Compliances:

1999 NEC:
- Ampacities . . . . . Article 310-15, 318-13
- Ampacities . . . . . Article 318-13
- Ground Conductor . . . . . Article 250-94
- Type MC. . . . . Article 334
- Bending Radius. . . . . Article 334-11
- Wiring. . . . . Article 300 + 311
- Cable Trays. . . . . Article 318
- Type MV . . . . . Article 326
- Hazardous Locations . . . Article 500
- UL 1072
- ICEA S-93-639/NEMA WC-74 (formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (formerly AEIC CS6)
- UL listed as Type MV-105
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 15kV, 133% INS. LEVEL, 220 MILS INS. (5.59 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	COND. STRAND	COND. DIA. INCHES	NOM. ESS DIA		NOM. INS. DIA		NOM. EIS DIA		GRND. WIRE (AWG) SIZE	NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		NOM. CABLE OD.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
					INCHES	mm	INCHES	mm	INCHES	mm		INCHES	mm	INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	lbs/1000ft	kg/km
17476.530200	3	2	7	0.27	0.29	7.37	0.74	18.81	0.81	20.57	3-#10	1.81	45.97	2.09	53.09	2.41	61.21	918	1366	3218	4789
17476.535100	3	1/0	19	0.34	0.36	9.14	0.81	20.57	0.88	22.35	3-#8	1.96	49.78	2.24	56.90	2.57	65.28	1362	2027	3911	5820
17476.535200	3	2/0	19	0.38	0.41	10.41	0.86	21.84	0.93	23.62	3-#8	2.06	52.32	2.36	59.94	2.72	69.09	1628	2423	4499	6695
17476.535400	3	4/0	19	0.48	0.51	12.95	0.96	24.38	1.03	26.16	3-#6	2.28	57.91	2.56	65.02	2.95	74.93	2474	3682	5752	8560
17476.536000	3	250	37	0.53	0.55	13.97	1.00	25.40	1.10	27.94	3-#6	2.42	61.47	2.70	68.58	3.10	78.74	2848	4238	6404	9530
17476.536200	3	350	37	0.62	0.65	16.51	1.10	27.94	1.20	30.48	3-#4	2.64	67.06	2.92	74.17	3.31	84.07	2995	4457	7742	11522
17476.536500	3	500	37	0.74	0.77	19.56	1.23	31.24	1.32	33.53	3-#4	2.91	73.91	3.19	81.03	3.59	91.19	5375	7999	9852	14662
17476.537000	3	750	61	0.91	0.95	24.13	1.41	35.81	1.50	38.10	3-#4	3.30	83.82	3.58	90.93	4.04	102.62	7754	11540	13308	19805
17476.537500	3	1000	61	1.06	1.10	27.94	1.56	39.62	1.68	42.67	3-#4	3.68	93.47	3.96	100.58	4.43	122.52	10128	15072	16551	24631

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Duralox® Uniblend® Armored Power, Shielded, EPR/AIA/PVC

25kV, UL Type MV-105 or MC, Three Conductor, 100% Ins Level, 260 Mils

Product Construction

Conductors:
- 1/0 AWG thru 1000 kcmil bare, Anapact™ compact copper Class B strand

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Thermoset semi-conducting extruded stress control layer over conductor

Insulation:
- Ethylene Propylene Rubber (EPR) insulation, colored to contrast with black conducting layers

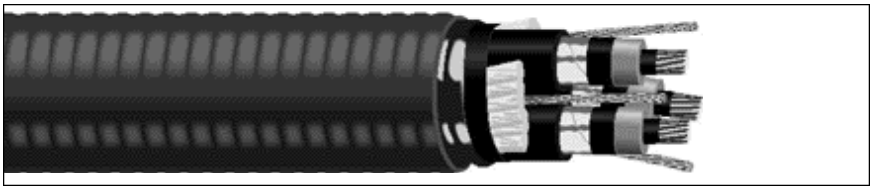
Extruded Insulation Shield (EIS):
- Thermoset semi-conducting polymeric layer free stripping from insulation

Shield:
- 5 mil annealed copper tape with a minimum 25% overlap

Armor:
- DuraLox® Aluminum Interlocked Armor (AIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE kV% INS LEVEL SUN RES FOR CT USE DIR BUR (UL) LIGHTING BOLT SYMBOL MONTH-YEAR SEQUENTIAL PRINT



Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance is demanded, space is limited, ease of installation is critical, and resistance is necessary
- Installed in wet or dry locations, indoors or outdoors, in exposed or concealed work
- May be used in cable trays or on approved support in protected areas

Features:
- Rated at 105˚C wet or dry
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemical and radiation-resistant
- Excellent crush resistance
- Cost effective alternative to installations in conduit
- Meets cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . Article 310-15, 318-13
- Ampacities . . . . . Article 318-13
- Ground Conductor . . . . . Article 250-94
- Type MC. . . . . Article 334
- Bending Radius. . . . . Article 334-11
- Wiring. . . . . Article 300 + 311
- Cable Trays. . . . . Article 318
- Type MV. . . . . Article 326
- Hazardous Locations . . . Article 500
- UL 1072
- ICEA S-93-639/NEMA WC-74 (formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (formerly AEIC CS6)
- UL listed as Type MV-105
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

1/0 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 25kV, 100% INS. LEVEL, 260 MILS INS. (6.60 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	COND. STRAND	COND. DIA. INCHES	NOM. ESS DIA INCHES	NOM. ESS DIA mm	NOM. INS. DIA INCHES	NOM. INS. DIA mm	NOM. EIS DIA INCHES	NOM. EIS DIA mm	GRND. WIRE (AWG) SIZE	NOM. DIA. (UNDER) ARMOR INCHES	NOM. DIA. (UNDER) ARMOR mm	NOM. DIA. (OVER) ARMOR INCHES	NOM. DIA. (OVER) ARMOR mm	NOM. CABLE OD. INCHES	NOM. CABLE OD. mm	COPPER WEIGHT lbs/1000ft	COPPER WEIGHT kg/km	NET WEIGHT W/ AL ARMOR lbs/1000ft	NET WEIGHT W/ AL ARMOR kg/km
17477.535100	3	1/0	19	0.34	0.36	9.14	0.89	22.61	0.97	24.64	3-#8	2.14	54.36	2.42	61.47	2.59	65.79	1811	2695	3546	5277
17477.535200	3	2/0	19	0.38	0.41	10.41	0.94	23.88	1.01	25.65	3-#8	2.23	56.64	2.51	63.75	2.68	68.07	2076	3090	3961	5895
17477.535400	3	4/0	19	0.48	0.51	12.95	1.04	26.42	1.13	28.70	3-#6	2.50	63.50	2.78	70.61	2.95	74.93	2931	4362	5192	7727
17477.536000	3	250	37	0.53	0.55	13.97	1.09	27.69	1.18	29.97	3-#6	2.60	66.04	2.88	73.15	3.05	77.47	3302	4914	5773	8591
17477.536200	3	350	37	0.62	0.65	16.51	1.18	29.97	1.28	32.51	3-#6	2.81	71.37	3.09	78.49	3.27	83.06	4255	6332	7065	10514
17477.536500	3	500	37	0.74	0.77	19.56	1.31	33.27	1.40	35.56	3-#4	3.08	78.23	3.36	85.34	3.56	90.42	5825	8669	9124	13578
17477.537000	3	750	61	0.91	0.95	24.13	1.49	37.85	1.59	40.39	3-#4	3.48	88.39	3.76	95.50	3.96	100.58	8204	12209	12190	18141
17477.537500	3	1000	61	1.06	1.10	27.94	1.64	41.66	1.76	44.70	3-#4	3.86	98.04	4.14	105.16	4.34	110.24	10575	15738	15309	22783

General Cable
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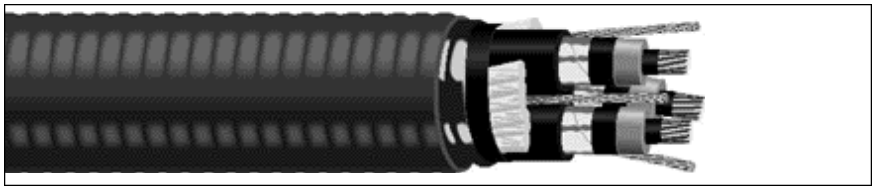
BICC BRAND

Duralox® Uniblend® Armored Power, Shielded, EPR/AIA/PVC

35kV, UL Type MV-105 or MC, Three Conductor, 100% Ins Level, 345 Mils



Product Construction

Conductors:
- 1/0 AWG thru 750 kcmil bare, Anapact™ compact copper Class B strand

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Thermoset semi-conducting extruded stress control layer over conductor

Insulation:
- Ethylene Propylene Rubber (EPR) insulation, colored to contrast with black conducting layers

Extruded Insulation Shield (EIS):
- Thermoset semi-conducting polymeric layer free stripping from insulation

Shield:
- 5 mil annealed copper tape with a minimum 25% overlap

Armor:
- DuraLox® Aluminum Interlocked Armor (AIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE kV% INS LEVEL SUN RES FOR CT USE DIR BUR (UL) LIGHTING BOLT SYMBOL MONTH-YEAR SEQUENTIAL PRINT

Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance is demanded, space is limited, ease of installation is critical, and resistance is necessary
- Installed in wet or dry locations, indoors or outdoors, in exposed or concealed work
- May be used in cable trays or on approved support in protected areas

Features:
- Rated at 105˚C wet or dry
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress

Features (con't):
- Low dielectric loss
- Chemical and radiation-resistant
- Excellent crush resistance
- Cost effective alternative to installations in conduit
- Meets cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . Article 310-15, 318-13
- Ampacities . . . . . Article 318-13
- Ground Conductor . . . . . Article 250-94
- Type MC. . . . . Article 334
- Bending Radius. . . . . Article 334-11
- Wiring. . . . . Article 300 + 311
- Cable Trays. . . . . Article 318
- Type MV . . . . . Article 326
- Hazardous Locations . . . Article 500
- UL 1072
- ICEA S-93-639/NEMA WC-74 (formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (formerly AEIC CS6)
- UL listed as Type MV-105
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

1/0 AWG THRU 750 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 35kV, 100% INS. LEVEL, 345 MILS INS. (8.76 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	COND. STRAND	COND. DIA. INCHES	NOM. ESS DIA		NOM. INS. DIA		NOM. EIS DIA		GRND. WIRE (AWG) SIZE	NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		NOM. CABLE OD.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
					INCHES	mm	INCHES	mm	INCHES	mm		INCHES	mm	INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	lbs/1000ft	kg/km
17480.535100	3	1/0	19	0.34	0.36	9.14	1.07	27.18	1.16	29.46	3-#8	2.56	65.02	2.84	72.14	3.01	76.45	1856	2762	4401	6550
17480.535200	3	2/0	19	0.38	0.41	10.41	1.11	28.19	1.20	30.48	3-#8	2.65	67.31	2.93	74.42	3.11	78.99	2124	3161	4852	7221
17480.535400	3	4/0	19	0.48	0.51	12.95	1.21	30.73	1.31	33.27	3-#6	2.87	72.90	3.15	80.01	3.34	84.84	2973	4424	5678	8450
17480.536000	3	250	37	0.53	0.55	13.97	1.26	32.00	1.36	34.54	3-#6	2.98	75.69	3.26	82.80	3.45	87.63	3344	4977	6158	9164
17480.536200	3	350	37	0.62	0.65	16.51	1.35	34.29	1.45	36.83	3-#6	3.19	81.03	3.47	88.14	3.66	92.96	4297	6395	8065	12002
17480.536500	3	500	37	0.74	0.77	19.56	1.48	37.59	1.58	40.13	3-#4	3.46	87.88	3.74	95.00	3.94	100.08	5867	8731	10150	15105
17480.537000	3	750	61	0.91	0.95	24.13	1.66	42.16	1.78	45.21	3-#4	3.89	98.81	4.17	105.92	4.38	111.25	8253	12282	13528	20132

General Cable
Phone:(800) 338-0901
www.generalcable.com

Duralox® Armored Power, Non-Shielded, EPR/GSIA

5kV, UL Type MV-90 or MC, Three Conductor w/o Jacket Over Armor

Product Construction

Conductors:
- 6 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor

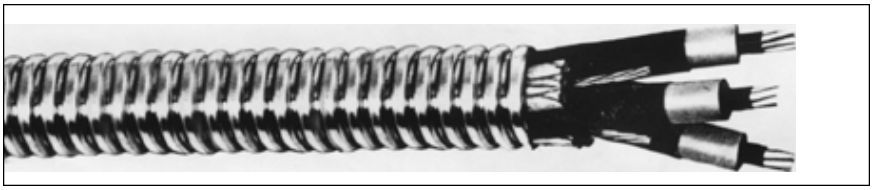
Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting shield layer

Armor:
- DuraLox® Galvanized Steel Interlocked Armor (GSIA)

Print:
- GENERAL CABLE® BICC® BRAND SIZE (KCMIL OR AWG) COMPACT CU 3/C GENERAL CABLE 115 MILS EPR TYPE MV-90 OR MC 3/C SIZE AWG GRD SUN RES FOR CT USE DIR BUR 5 KV NON-SHIELDED (UL) MONTH-YEAR LIGHTNING BOLT SYMBOL SEQUENTIAL PRINT

Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial, and utility applications were reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical and where fire resistance is necessary



Applications (con't):
- May be installed in wet or dry locations, indoors or outdoors, and in exposed or concealed work
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 90˚C wet or dry
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemical and radiation-resistant
- Excellent crush resistance
- Flame or sunlight resistance
- Cost effective alternative to installations in conduit
- Meets the cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . Article 310-15, 318-10
- Conductor Sizes . . . . . Article 250-95
- Type MC. . . . . Article 334
- Bending Radius. . . . . Article 300-34

Compliances (con't):
- Wiring. . . . . Article 300
- Cable Trays. . . . . Article 318
- Type MV . . . . . Article 326
- Shielding. . . . . Article 310-61
- Hazardous. . . . . Article 500
- Formerly ICEA S-96-659/NEMA WC-71 (formerly ICEA S-68-516/NEMA WC 8)
- UL Listed as Type MV or Type MC
- UL 1072
- UL 1569
- IEEE 1202 (70,000 BTU/hr)
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

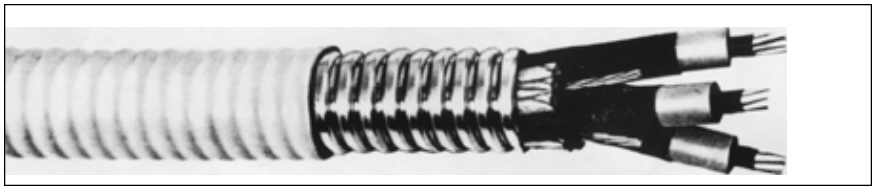
6 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/O JACKET OVER ARMOR, 5kV, 115 MILS INS. (2.92 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	GROUND WIRE (AWG) SIZE	NOM. DIA. (UNDER) ARMOR		NOM. CABLE OD.		COPPER WEIGHT		NET WEIGHT W/STEEL ARMOR	
				INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	lbs/1000ft	kg/km
17421.580600	3	6	3-#12	1.07	27.18	1.26	32.00	307	457	1125	1674
17421.580400	3	4	3-#10	1.18	29.97	1.37	34.80	487	725	1340	1994
17421.580200	3	2	3-#10	1.23	31.24	1.42	36.07	716	1066	1640	2441
17421.585100	3	1/0	3-#6	1.39	35.31	1.66	42.16	1231	1832	2360	3512
17421.585200	3	2/0	3-#6	1.48	37.59	1.77	44.96	1488	2214	2650	3944
17421.585400	3	4/0	3-#6	1.69	42.95	1.99	50.55	2217	3299	3785	5633
17421.586000	3	250	3-#6	1.79	45.45	2.00	50.80	2576	3834	4245	6317
17421.586200	3	350	3-#4	2.00	50.80	2.29	58.17	3655	5439	5335	7940
17421.586500	3	500	3-#4	2.26	57.40	2.55	64.77	5052	7518	7490	11147
17421.587000	3	750	3-#4	2.64	67.06	2.93	74.42	7380	10983	10510	15641
17421.587500	3	1000	3-#4	2.98	75.69	3.27	83.06	9709	14449	13465	20039

General Cable
Phone:(800) 338-0901
www.generalcable.com

Duralox® Armored Power, Non-Shielded, EPR/GSIA/PVC

5kV, UL Type MV-90 or MC, Three Conductor w/ Jacket Over Armor



Product Construction

Conductors:
- 6 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor

Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting shield layer

Armor:
- DuraLox® Galvanized Steel Interlocked Armor (GSIA)

Jacket:
- Flame-retardant, moisture- and sunlight-resistant polyvinyl chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND SIZE (KCMIL OR AWG) COMPACT CU 3/C GENERAL CABLE 115 MILS EPR TYPE MV-90 OR MC 3/C SIZE AWG GRD SUN RES FOR CT USE DIR BUR 5 KV NON-SHIELDED (UL) MONTH-YEAR LIGHTNING BOLT SYMBOL SEQUENTIAL PRINT

Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial, and utility applications were reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical and where fire resistance is necessary
- May be installed in wet or dry locations, indoors or outdoors, and in exposed or concealed work
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 90˚C wet or dry
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption

Features (con't)
- Electrical stability under stress
- Low dielectric loss
- Chemical and radiation-resistant
- Excellent crush resistance
- Flame or sunlight resistance
- Cost effective alternative to installations in conduit
- Meets the cold bend test at -25˚C

Compliances:
1999 NEC:
- Ampacities . . . . . Article 310-15, 318-10
- Conductor Sizes . . . . . Article 250-95
- Type MC. . . . . Article 334
- Bending Radius. . . . . Article 300-34
- Wiring. . . . . Article 300
- Cable Trays. . . . . Article 318
- Type MV . . . . . Article 326
- Shielding. . . . . Article 310-61
- Hazardous. . . . . Article 500
- Formerly ICEA S-96-659/NEMA WC-71 (formerly ICEA S-68-516/NEMA WC 8)
- UL Listed as Type MV or Type MC
- UL 1072
- UL 1569
- IEEE 1202 (70,000 BTU/hr)
- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

6 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 5kV, 115 MILS INS. (2.92 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	GROUND WIRE (AWG) SIZE	NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		NOM. CABLE OD.		COPPER WEIGHT		NET WEIGHT W/ STEEL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	lbs/1000ft	kg/km
17431.580600	3	6	3-#12	1.07	27.18	1.26	32.00	1.37	34.80	307	457	1225	1823
17431.580400	3	4	3-#10	1.18	29.97	1.37	34.80	1.48	37.59	487	725	1500	2232
17431.580200	3	2	3-#10	1.23	31.24	1.42	36.07	1.53	38.86	716	1066	1810	2694
17431.585100	3	1/0	3-#6	1.39	35.31	1.66	42.16	1.80	45.72	1231	1832	2600	3869
17431.585200	3	2/0	3-#6	1.48	37.59	1.77	44.96	1.90	48.26	1488	2214	2880	4286
17431.585400	3	4/0	3-#6	1.69	42.95	1.99	50.55	2.11	53.59	2217	3299	4075	6064
17431.586000	3	250	3-#6	1.79	45.45	2.00	50.80	2.21	56.13	2576	3834	4545	6764
17431.586200	3	350	3-#4	2.00	50.80	2.29	58.17	2.42	61.47	3655	5439	5640	8393
17431.586500	3	500	3-#4	2.26	57.40	2.55	64.77	2.71	68.83	5052	7518	7880	11727
17431.587000	3	750	3-#4	2.64	67.06	2.93	74.42	3.10	78.74	7380	10983	11050	16445
17431.587500	3	1000	3-#4	2.98	75.69	3.27	83.06	3.46	87.88	9709	14449	14150	21058

Phone:(800) 338-0901
www.generalcable.com

Duralox® Armored Power, Non-Shielded, EPR/AIA

5kV, UL Type MV-90 or MC, Three Conductor w/o Jacket Over Armor

Product Construction

Conductors:
- 6 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Ground:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor

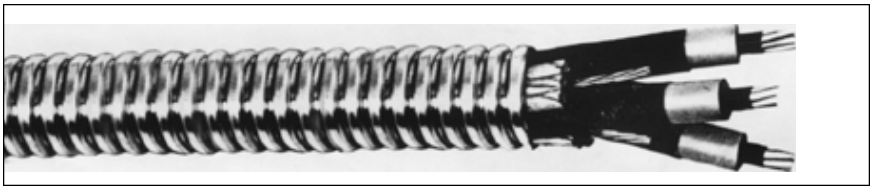
Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting shield layer

Armor:
- DuraLox® Aluminum Interlocked Armor (AIA)

Print:
- GENERAL CABLE® BICC® BRAND SIZE (KCMIL OR AWG) COMPACT CU 3/C GENERAL CABLE 115 MILS EPR TYPE MV-90 OR MC 3/C SIZE AWG GRD SUN RES FOR CT USE DIR BUR 5 KV NON-SHIELDED (UL) MONTH-YEAR LIGHTNING BOLT SYMBOL SEQUENTIAL PRINT

Options:
- Other constructions available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial, and utility applications were reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical and where fire resistance is necessary



Applications (con't):
- May be installed in wet or dry locations, indoors or outdoors, and in exposed or concealed work
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 90˚C wet or dry
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemical and radiation-resistant
- Excellent crush resistance
- Flame or sunlight resistance
- Cost effective alternative to installations in conduit
- Meets the cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . Article 310-15, 318-10
- Conductor Sizes . . . . . Article 250-95
- Type MC. . . . . Article 334
- Bending Radius. . . . . Article 300-34

Compliances (con't):
- Wiring. . . . . Article 300
- Cable Trays. . . . . Article 318
- Type MV . . . . . Article 326
- Shielding. . . . . Article 310-61
- Hazardous. . . . . Article 500
- Formerly ICEA S-96-659/NEMA WC-71 (formerly ICEA S-68-516/NEMA WC 8)
- UL Listed as Type MV or Type MC
- UL 1072
- UL 1569
- IEEE 1202 (70,000 BTU/hr)
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- UL 1581 (70,000 BTU/hr)
- ICEA T-29-520 (210,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling and plexing

6 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/O JACKET OVER ARMOR, 5kV, 115 MILS INS. (2.92 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	GROUND WIRE (AWG) SIZE	NOM. DIA. (UNDER) ARMOR		NOM. CABLE OD.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
				INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	lbs/1000ft	kg/km
17461.580600	3	6	3-#12	1.07	27.18	1.26	32.00	307	487	825	1228
17461.580400	3	4	3-#10	1.18	29.97	1.37	34.80	487	725	1100	1637
17461.580200	3	2	3-#10	1.23	31.24	1.42	36.07	716	1066	1340	1994
17461.585100	3	1/0	3-#6	1.39	35.30	1.66	42.16	1231	1832	2035	3028
17461.585200	3	2/0	3-#6	1.48	37.59	1.77	44.96	1488	2214	2375	3534
17461.585400	3	4/0	3-#6	1.69	42.93	1.99	50.55	2217	2576	3385	5038
17461.586000	3	250	3-#6	1.79	45.47	2.00	50.80	2576	3834	3820	5685
17461.586200	3	350	3-#4	2.00	50.80	2.29	58.17	3655	5439	4935	7344
17461.586500	3	500	3-#4	2.26	57.40	2.55	64.77	5052	7518	6890	10254
17461.587000	3	750	3-#4	2.64	67.06	2.93	74.42	7380	10983	9960	14822
17461.587500	3	1000	3-#4	2.98	75.69	3.27	83.06	9709	14449	12915	19220

General Cable
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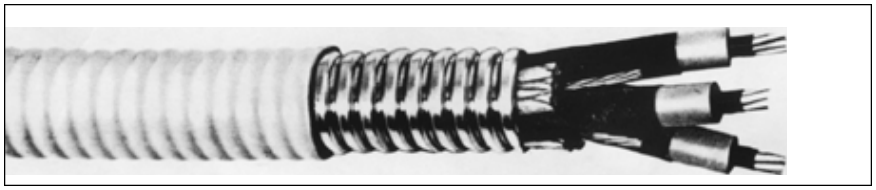
5kV, UL Type MV-90 or MC, Three Conductor w/ Jacket Over Armor



Product Construction

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Ground:
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- Cable Trays. . . . . Article 318
- Type MV . . . . . Article 326
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- ICEA T-29-520 (210,000 BTU/hr)
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6 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 5kV, 115 MILS INS. (2.92 mm)

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17471.580400	3	4	3-#10	1.18	29.97	1.37	34.80	1.48	37.59	487	725	1260	1875
17471.580200	3	2	3-#10	1.23	31.24	1.42	36.07	1.53	38.86	716	1066	1510	2247
17471.585100	3	1/0	3-#6	1.39	35.30	1.66	42.16	1.80	45.72	1231	1832	2275	3386
17471.585200	3	2/0	3-#6	1.48	37.59	1.77	44.96	1.90	48.26	1488	2214	2625	3907
17471.585400	3	4/0	3-#6	1.69	42.93	1.99	50.55	2.11	53.59	2217	3299	3675	5469
17471.586000	3	250	3-#6	1.79	45.47	2.00	50.80	2.21	56.13	2576	3834	4120	6131
17471.586200	3	350	3-#4	2.00	50.80	2.29	58.17	2.42	61.47	3655	5439	5240	7798
17471.586500	3	500	3-#4	2.26	57.40	2.55	64.77	2.71	68.83	5052	7518	7350	10938
17471.587000	3	750	3-#4	2.64	67.06	2.93	74.42	3.10	78.74	7380	10983	10500	15626
17471.587500	3	1000	3-#4	2.98	75.69	3.27	83.06	3.46	87.88	9709	14449	13600	20240

Phone:(800) 338-0901
www.generalcable.com

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/GSIA

5kV, UL Type MV-105 or MC, Three Conductor w/o Jacket Over Armor, 90 Mils

Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor

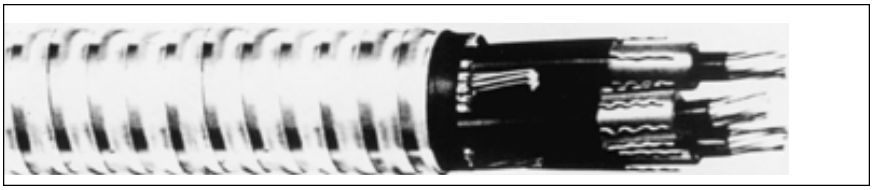
Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket

Armor:
- Duralox® Galvanized Steel Interlocked Armor (GSIA)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request



Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

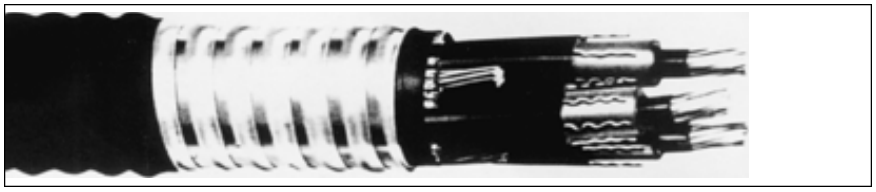
2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/O JACKET OVER ARMOR, 5 kV, 90 MILS INS. (2.29 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ STEEL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17322.160200	3	2	10	.075	1.91	1.43	36.32	1.71	43.43	777	1156	1923	2862
17322.165100	3	1/0	6	.075	1.91	1.61	40.89	1.89	48.01	1292	1923	2490	3706
17322.165200	3	2/0	6	.075	1.91	1.71	43.43	1.99	50.55	1566	2331	2954	4396
17322.165400	3	4/0	6	.080	2.03	1.93	49.02	2.21	51.13	2296	3417	4059	6041
17322.166000	3	250	6	.080	2.03	2.02	51.31	2.30	58.42	2673	3978	4508	6709
17322.166200	3	350	4	.080	2.03	2.25	57.15	2.53	64.26	3749	5579	5928	8822
17322.166500	3	500	4	.080	2.03	2.53	64.26	2.81	71.37	5169	7693	7758	11545
17322.167000	3	750	4	.085	2.16	2.94	74.68	3.22	81.79	7504	11167	11052	16448
17322.167500	3	1000	4	.100	2.54	3.35	85.09	3.63	92.20	9865	14681	14236	21186

General Cable
Phone:(800) 338-0901
www.generalcable.com

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/GSIA/PVC

5kV, UL Type MV-105 or MC, Three Conductor w/ Jacket Over Armor, 90 Mils



Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor.

Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket.

Armor:
- Duralox® Galvanized Steel Interlocked Armor (GSIA)

Overall Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request

Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption

Features (con't):
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:
1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR W/ JACKET OVER ARMOR, 5kV, 90 MILS INS. (2.29 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		MIN. AVG. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ STEEL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17332.180200	3	2	10	.075	1.91	.060	1.52	1.43	36.32	1.71	43.43	1.87	47.50	777	1156	2216	3298
17332.185100	3	1/0	6	.075	1.91	.060	1.52	1.61	40.89	1.89	48.01	2.03	51.56	1292	1923	2762	4110
17332.185200	3	2/0	6	.075	1.91	.060	1.52	1.71	43.43	1.99	50.55	2.14	54.36	1566	2331	3244	4828
17332.185400	3	4/0	6	.080	2.03	.060	1.52	1.93	49.02	2.21	51.13	2.37	60.20	2296	3417	4364	6495
17332.186000	3	250	6	.080	2.03	.060	1.52	2.02	51.31	2.30	58.42	2.46	62.48	2673	3978	4846	7239
17332.186200	3	350	4	.080	2.03	.075	1.91	2.25	57.15	2.53	64.26	2.72	69.09	3749	5579	6389	9508
17332.186500	3	500	4	.080	2.03	.075	1.91	2.53	64.26	2.81	71.37	2.99	75.95	5169	7693	8271	12309
17332.187000	3	750	4	.085	2.16	.080	2.03	2.94	74.68	3.22	81.79	3.43	87.12	7537	11217	11723	17446
17332.187500	3	1000	4	.100	2.54	.080	2.03	3.35	85.09	3.63	92.20	3.84	97.54	9865	14681	14999	22322

Phone:(800) 338-0901
www.generalcable.com

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/GSIA

15kV, UL Type MV-105 or MC, Three Conductor w/o Jacket Over Armor, 100% Ins Level (Grounded)

Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor.

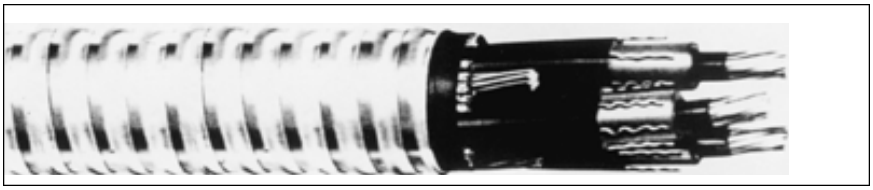
Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket.

Armor:
- Duralox® Galvanized Steel Interlocked Armor (GSIA)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request



Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/O JACKET OVER ARMOR, 15kV, 100% INS. LEVEL (GROUNDED), 175 MILS INS. (4.45 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ STEEL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17325.160200	3	2	10	.080	2.03	1.8	45.72	2.1	53.34	795	1183	2476	3685
17325.165100	3	1/0	6	.080	2.03	2.0	50.80	2.3	58.42	1310	1950	3083	4588
17325.165200	3	2/0	6	.080	2.03	2.1	53.34	2.4	60.96	1566	2331	3539	5267
17325.165400	3	4/0	6	.080	2.03	2.3	58.42	2.6	66.04	2314	3444	4731	7041
17325.166000	3	250	6	.080	2.03	2.4	60.96	2.7	68.58	2673	3978	5203	7743
17325.166200	3	350	4	.085	2.16	2.7	68.58	3.0	76.20	3776	5619	6683	9946
17325.166500	3	500	4	.085	2.16	3.0	76.20	3.2	81.28	5169	7693	8619	12827
17325.167000	3	750	4	.100	2.54	3.4	86.36	3.7	93.98	7537	11217	12076	17972
17325.167500	3	1000	4	.100	2.54	3.7	93.98	4.0	101.60	9865	14681	15172	22579

General Cable
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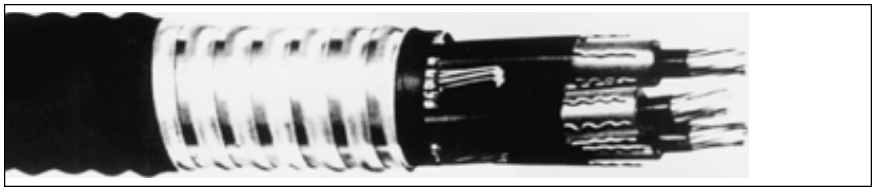
BICC BRAND

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/GSIA/PVC

15kV, UL Type MV-105 or MC, Three Conductor w/ Jacket Over Armor, 100% Ins Level (Grounded)



Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor.

Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket.

Armor:
- Duralox® Galvanized Steel Interlocked Armor (GSIA)

Overall Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request

Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption

Features (con't):
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:
1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 15kV, 100% INS. LEVEL (GROUNDED), 175 MILS INS. (4.45 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		MIN. AVG. JACKET THICKNESS		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ STEEL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17335.180200	3	2	10	.080	2.03	1.8	45.72	2.1	53.34	.060	1.52	2.3	58.72	795	1183	2785	4145
17335.185100	3	1/0	6	.080	2.03	2.0	50.80	2.3	58.42	.060	1.52	2.4	60.96	1310	1950	3416	5084
17335.185200	3	2/0	6	.080	2.03	2.1	53.34	2.4	60.96	.060	1.52	2.5	63.50	1566	2331	3889	5788
17335.185400	3	4/0	6	.080	2.03	2.3	58.42	2.6	66.04	.075	1.91	2.8	71.12	2314	3444	5207	7749
17335.186000	3	250	6	.080	2.03	2.4	60.96	2.7	68.58	.075	1.91	2.9	73.66	2673	3978	5698	8480
17335.186200	3	350	4	.085	2.16	2.7	68.58	3.0	76.20	.075	1.91	3.1	78.74	3776	5619	7222	10748
17335.186500	3	500	4	.085	2.16	3.0	76.20	3.2	81.28	.085	2.16	3.4	86.36	5169	7693	9290	13825
17335.187000	3	750	4	.100	2.54	3.4	86.36	3.7	93.98	.085	2.16	3.9	99.06	7537	11217	12848	19120
17335.187500	3	1000	4	.100	2.54	3.7	93.98	4.0	101.6	.085	2.16	4.2	106.68	9865	14681	10621	15806

General Cable
Phone:(800) 338-0901
www.generalcable.com

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/GSIA

15kV, UL Type MV-105 or MC, Three Conductor w/o Jacket Over Armor, 133% Ins Level (Grounded)

Product Construction

Conductors:
- 1/0 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor

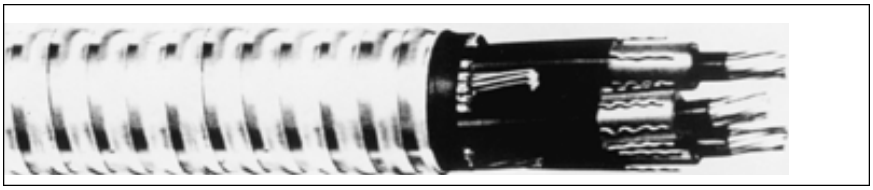
Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket

Armor:
- Duralox® Galvanized Steel Interlocked Armor (GSIA)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request



Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

1/0 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/O JACKET OVER ARMOR, 15kV, 133% INS. LEVEL (GROUNDED), 220 MILS INS. (5.59 mm)

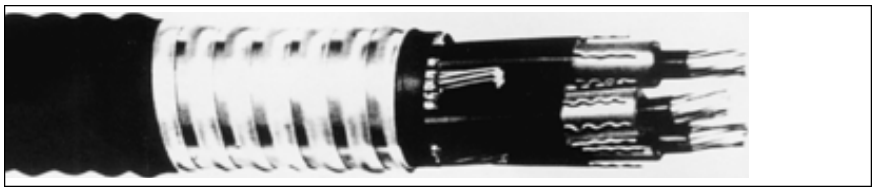
CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ STEEL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17326.165100	3	1/0	6	.080	2.03	2.2	55.88	2.5	63.50	1328	1976	3462	5152
17326.165200	3	2/0	6	.080	2.03	2.3	58.42	2.6	66.04	1584	2357	3930	5849
17326.165400	3	4/0	6	.080	2.03	2.5	63.50	2.8	71.12	2314	3444	5097	7585
17326.166000	3	250	6	.085	2.16	2.7	68.58	3.0	76.20	2700	4018	5664	8429
17325.166200	3	350	4	.085	2.16	2.9	73.66	3.2	81.28	3776	5619	7135	10618
17325.166500	3	500	4	.085	2.16	3.2	81.28	3.4	86.36	5169	7693	9057	13479
17325.167000	3	750	4	.100	2.54	3.6	91.44	3.9	99.06	7537	11217	12553	18681
17325.167500	3	1000	4	.115	2.92	3.9	99.06	4.2	106.68	9908	14745	15738	23421

General Cable
Phone:(800) 338-0901
www.generalcable.com

BICC BRAND

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/GSIA/PVC

15kV, UL Type MV-105 or MC, Three Conductor w/ Jacket Over Armor, 133% Ins Level (Grounded)



Product Construction

Conductors:
- 1/0 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor.

Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket.

Armor:
- Duralox® Galvanized Steel Interlocked Armor (GSIA)

Overall Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request

Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption

Features (con't):
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:
1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

1/0 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 15kV, 133% INS. LEVEL (GROUNDED), 220 MILS INS. (5.59 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		MIN. AVG. JACKET THICKNESS		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ STEEL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17336.185100	3	1/0	6	.080	2.03	2.2	55.88	2.5	63.50	.060	1.52	2.7	68.58	1328	1976	3914	5825
17336.185200	3	2/0	6	.080	2.03	2.3	58.42	2.6	66.04	.075	1.91	2.8	71.12	1584	2357	4402	6551
17336.185400	3	4/0	6	.080	2.03	2.5	63.50	2.8	71.12	.075	1.91	3.0	76.20	2314	3444	5610	8349
17336.186000	3	250	6	.085	2.16	2.7	68.58	3.0	76.20	.075	1.91	3.1	78.74	2700	4018	6203	9231
17336.186200	3	350	4	.085	2.16	2.9	73.66	3.2	81.28	.075	1.91	3.4	86.36	3776	5619	7789	11591
17336.186500	3	500	4	.085	2.16	3.2	81.28	3.4	86.36	.085	2.16	3.6	91.44	5169	7693	9771	14541
17336.187000	3	750	4	.100	2.54	3.6	91.44	3.9	99.06	.085	2.16	4.0	101.60	7537	11217	13369	19896
17336.187500	3	1000	4	.115	2.92	3.9	99.06	4.2	106.68	.085	2.16	4.4	111.76	9908	14745	16637	24759

General Cable
Phone:(800) 338-0901
www.generalcable.com

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/AIA

5kV, UL Type MV-105 or MC, Three Conductor w/o Jacket Over Armor

Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor.

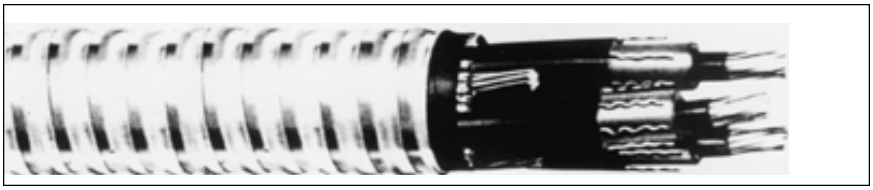
Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket.

Armor:
- Duralox® Aluminum Interlocked Armor (AIA)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR CT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request



Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/O JACKET OVER ARMOR, 5 kV, 90 MILS INS. (2.29 mm)

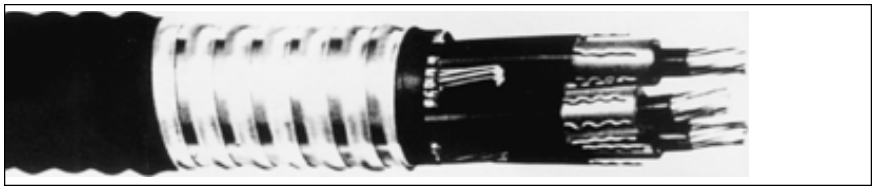
CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17362.160200	3	2	10	.075	1.91	1.43	36.32	1.71	43.43	777	1156	1546	2301
17362.165100	3	1/0	6	.075	1.91	1.61	40.89	1.89	48.00	1292	1923	2077	3091
17362.165200	3	2/0	6	.075	1.91	1.71	43.43	1.99	50.54	1566	2331	2541	3741
17362.165400	3	4/0	6	.080	2.03	1.93	49.02	2.21	56.13	2296	3417	3568	5310
17362.166000	3	250	6	.080	2.03	2.02	51.31	2.30	58.42	2673	3978	3994	5944
17362.166200	3	350	4	.080	2.03	2.25	57.15	2.53	64.26	3749	5579	5361	7978
17362.166500	3	500	4	.080	2.03	2.53	64.26	2.81	71.37	5169	7693	7128	10608
17362.167000	3	750	4	.085	2.16	2.94	74.68	3.22	81.79	7537	11217	10325	15366
17362.167500	3	1000	4	.100	2.54	3.35	85.09	3.63	92.02	9865	14681	13413	19961

General Cable
Phone:(800) 338-0901
www.generalcable.com

BICC BRAND

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/AIA/PVC

5kV, UL Type MV-105 or MC, Three Conductor w/ Jacket Over Armor



Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor.

Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket.

Armor:
- Duralox® Aluminum Interlocked Armor (AIA)

Overall Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request

Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress

Features (con't):
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:
1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 5kV, 90 MILS INS. (2.29 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		MIN. AVG. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17372.180200	3	2	10	.075	1.91	.060	1.52	1.43	36.32	1.71	43.43	1.87	47.50	777	1156	1795	2671
17372.185100	3	1/0	6	.075	1.91	.060	1.52	1.61	40.89	1.89	48.01	2.03	51.56	1292	1923	2349	3496
17372.185200	3	2/0	6	.075	1.91	.060	1.52	1.71	43.43	1.99	50.55	2.14	54.36	1566	2331	2804	4173
17372.185400	3	4/0	6	.080	2.03	.060	1.52	1.93	49.02	2.21	56.13	2.37	60.20	2296	3417	3894	5795
17372.186000	3	250	6	.080	2.03	.060	1.52	2.02	51.31	2.30	58.42	2.46	62.48	2673	3978	4333	6448
17372.186200	3	350	4	.080	2.03	.075	1.91	2.25	57.15	2.53	64.26	2.72	69.09	3749	5579	5821	8663
17372.186500	3	500	4	.080	2.09	.075	1.91	2.53	64.26	2.81	71.37	2.99	75.95	5169	7693	7641	11371
17372.187000	3	750	4	.085	2.16	.085	2.16	2.94	74.68	3.22	81.79	3.43	87.12	7504	11167	10996	16364
17372.187500	3	1000	4	.100	2.54	.085	2.16	3.35	85.09	3.63	92.20	3.84	97.54	9865	14681	14177	21098

General Cable
Phone:(800) 338-0901
www.generalcable.com

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/AIA

15kV, UL Type MV-105 or MC, Three Conductor w/o Jacket Over Armor, 100% Ins Level (Grounded)

Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor.

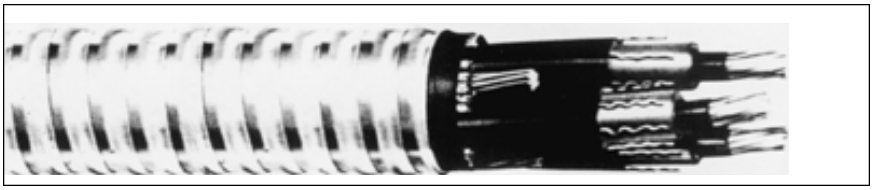
Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket.

Armor:
- Duralox® Aluminum Interlocked Armor (AIA)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request



Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
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Features:
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- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:

1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
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- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/O JACKET OVER ARMOR, 15kV, 100% INS. LEVEL (GROUNDED), 175 MILS INS. (4.45 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17365.160200	3	2	10	.080	2.03	1.8	45.72	2.1	53.34	795	1183	2007	2987
17365.165100	3	1/0	6	.080	2.03	2.0	50.80	2.3	58.42	1310	1950	2708	4030
17365.165200	3	2/0	6	.080	2.03	2.1	53.34	2.4	60.96	1566	2331	3011	4481
17365.165400	3	4/0	6	.080	2.03	2.3	58.42	2.6	66.04	2314	3444	4147	6172
17365.166000	3	250	6	.080	2.03	2.4	60.96	2.7	68.58	2673	3978	4598	6843
17365.166200	3	350	4	.085	2.16	2.7	68.58	3.0	76.20	3776	5619	6024	8965
17365.166500	3	500	4	.085	2.16	3.0	76.20	3.2	81.28	5169	7693	7892	11745
17365.167000	3	750	4	.100	2.54	3.4	86.36	3.7	93.98	7537	11217	11246	16736
17365.167500	3	1000	4	.100	2.54	3.7	93.98	4.0	101.60	9865	14681	14263	21226

General Cable
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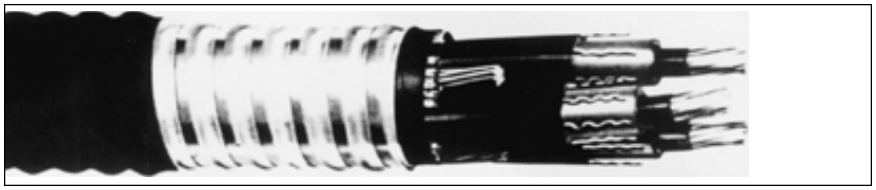
www.generalcable.com

BICC BRAND

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/AIA/PVC

15kV, UL Type MV-105 or MC, Three Conductor w/ Jacket Over Armor, 100% Ins Level (Grounded)



Product Construction

Conductors:
- 2 AWG thru 1000 kcmil bare copper, Anapact™compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor.

Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket.

Armor:
- Duralox® Aluminum Interlocked Armor (AIA)

Overall Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

Options:
- Other constructions available upon request

Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105˚C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption

Features (con't):
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25˚C

Compliances:
1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

2 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/ JACKET OVER ARMOR, 15kV, 100% INS. LEVEL (GROUNDED), 175 MILS INS. (4.45 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. DIA. (OVER) ARMOR		MIN. AVG. JACKET THICKNESS		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17375.180200	3	2	10	.080	2.03	1.8	45.72	2.1	53.34	.060	1.52	2.3	58.42	795	1183	2317	3448
17375.185100	3	1/0	6	.080	2.03	2.0	50.80	2.3	58.42	.060	1.52	2.4	60.96	1310	1950	3042	4527
17375.185200	3	2/0	6	.080	2.03	2.1	53.34	2.4	60.96	.060	1.52	2.5	63.50	1566	2331	3362	5003
17375.185400	3	4/0	6	.080	2.03	2.3	58.42	2.6	66.04	.075	1.91	2.8	71.12	2314	3444	4623	6880
17375.186000	3	250	6	.080	2.03	2.4	60.96	2.7	68.58	.075	1.91	2.9	73.66	2673	3978	5093	7579
17375.186200	3	350	4	.085	2.16	2.7	68.58	3.0	76.20	.075	1.91	3.1	78.74	3776	5619	6563	9767
17375.186500	3	500	4	.085	2.16	3.0	72.20	3.2	81.28	.085	2.16	3.4	86.36	5169	7693	8563	12743
17375.187000	3	750	4	.100	2.54	3.4	86.36	3.7	93.98	.085	2.16	3.9	99.06	7537	11217	12018	17885
17375.187500	3	1000	4	.100	2.54	3.7	93.98	4.0	101.60	.085	2.16	4.2	106.68	9865	14681	14312	21299

General Cable
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www.generalcable.com

Duralox® UniShield® Armored Power, Shielded, EPR/CPE/AIA

15kV, UL Type MV-105 or MC, Three Conductor w/o Jacket Over Armor, 133% Ins Level (Ungrounded)

Product Construction

Conductors:
- 1/0 AWG thru 1000 kcmil bare copper, Anapact™ compact Class B strand

Grounding Conductors:
- Annealed bare copper Class B stranding per ASTM B8

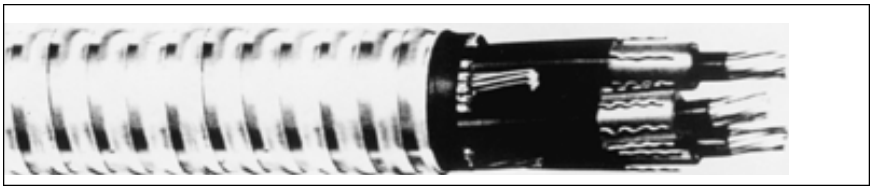
Extruded Strand Shield (ESS):
- Extruded thermoset semi-conducting stress control layer over conductor

Insulation:
- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting layer

Insulation Shield and Jacket:
- Six corrugated copper drain wires embedded in an extruded black conducting Chlorinated Polyethylene (CPE) combination insulation shield and jacket

Armor:
- Duralox® Aluminum Interlocked Armor (AIA)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT



Options:
- Other constructions available upon request

Applications:
- For use in a broad range of commercial, industrial and utility applications where reliability is the major concern, where maximum performance will be demanded, where space is limited, ease of installation is critical, and when fire resistance is necessary
- Installed in wet or dry locations, indoors or outdoors
- May be used in cable trays or on approved supports in protected areas

Features:
- Rated at 105°C
- High short circuit capability and uniform shield impedance
- Excellent heat and moisture resistance
- Outstanding corona resistance
- Flexibility for easy handling
- High dielectric strength
- Low moisture absorption
- Electrical stability under stress
- Low dielectric loss
- Chemicals and radiation resistance
- Excellent crush resistance
- Flame and sunlight resistance
- Cost effective alternative to installations in conduit
- Meet cold bend test at -25°C

Compliances:

1999 NEC:
- Ampacities . . . . . .Article 310-15, 318-10
- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
- AEIC CS8 (Formerly AEIC CS6)
- UL 1569
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method
- OSHA acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lags, pulling eyes, paralleling, and plexing

1/0 AWG THRU 1000 KCMIL CONDUCTORS - THREE CONDUCTOR - W/O JACKET OVER ARMOR, 15 kV, 133% INS. LEVEL (UNGROUNDED), 220 MILS INS. (5.59 mm)

CATALOG NUMBER	NO. OF COND.	COND. (AWG/KCMIL) SIZE	THREE GRND. WIRES (AWG) SIZE	MIN. AVG. COND. JACKET THICKNESS		NOM. DIA. (UNDER) ARMOR		NOM. CABLE O.D.		COPPER WEIGHT		NET WEIGHT W/ AL ARMOR	
				INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17366.165100	3	1/0	6	.080	2.03	2.2	55.88	2.5	63.50	1328	1976	2905	4323
17366.165200	3	2/0	6	.080	2.03	2.3	58.42	2.6	66.04	1584	2357	3351	4987
17366.165400	3	4/0	6	.080	2.03	2.5	63.50	2.8	71.12	2314	3444	4467	6648
17366.166000	3	250	6	.085	2.16	2.7	68.58	3.0	76.20	2700	4018	5003	7445
17366.166200	3	350	4	.085	2.16	2.9	73.66	3.2	81.28	3776	5619	6423	9559
17366.166500	3	500	4	.085	2.16	3.2	81.28	3.4	86.36	5169	7693	8283	12327
17366.167000	3	750	4	.100	2.54	3.6	91.44	3.9	99.06	7537	11217	11678	17379
17366.167500	3	1000	4	.115	2.92	3.9	99.06	4.2	106.68	9908	14745	14781	21997

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BICC BRAND

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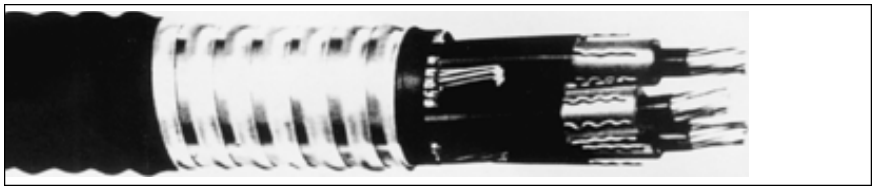
15kV, UL Type MV-105 or MC, Three Conductor w/ Jacket Over Armor, 133% Ins Level (Ungrounded)



Product Construction

Conductors:
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Armor:
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Overall Jacket:
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC)

Print:
- GENERAL CABLE® BICC® BRAND CABLE SIZE (KCMIL OR AWG) COMPACT CU 3/C (INS THICKNESS) MILS EPR TYPE MV-105 OR MC 3/C SIZE AWG GRD VOLTAGE KV% INS. LEVEL SUN RES FOR OT USE DIR BUR (UL) LIGHTNING BOLT SYMBOL MONTH-YEAR SEQUENTIALPRINT

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- Meet cold bend test at -25˚C

Compliances:
1999 NEC:
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- Conductor sizes . . . . . .Article 250-95
- Type MC . . . . . .Article 334
- Bending radius . . . . . .Article 300-34
- Wiring . . . . . .Article 300 & 710
- Cable trays . . . . . .Article 318
- Type MV . . . . . .Article 326
- Hazardous . . . . . .Article 500
- UL listed as Type MV or Type MC
- ICEA-T-29-520 (210,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr)/CSA FT4
- IEEE 383 (70,000 BTU/hr)
- ICEA T-30-520 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- UL 1072
- ICEA S 93-639/NEMA WC-74 and ICEA S 97-682 (as applicable) (Formerly ICEA S-68-516/NEMA WC-8)
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				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	lbs/ 1000ft	kg/ km	lbs/ 1000ft	kg/ km
17376.185100	3	1/0	6	.080	2.03	2.2	55.88	2.5	63.50	.060	1.52	2.7	68.58	1328	1976	3358	4997
17376.185200	3	2/0	6	.080	2.03	2.3	58.42	2.6	66.04	.075	1.91	2.8	71.12	1584	2357	3823	5689
17376.185400	3	4/0	6	.080	2.03	2.5	63.50	2.8	71.12	.075	1.91	3.0	76.20	2314	3444	4981	7413
17376.186000	3	250	6	.085	2.16	2.7	68.58	3.0	76.20	.075	1.91	3.1	78.74	2700	4018	5542	8248
17376.186200	3	350	4	.085	2.16	2.9	73.66	3.2	81.28	.075	1.91	3.4	86.36	3776	5619	7077	10532
17376.186500	3	500	4	.085	2.16	3.2	81.28	3.4	86.36	.085	2.16	3.6	91.44	5169	7693	8997	13389
17376.187000	3	750	4	.100	2.54	3.6	91.44	3.9	99.06	.085	2.16	4.0	101.60	7537	11217	12492	18591
17376.187500	3	1000	4	.115	2.92	3.9	99.06	4.2	106.68	.085	2.16	4.0	101.60	9908	14745	15681	23336

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