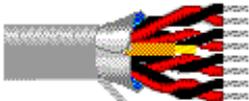


9512 Paired - 300 Volt PLTC/ITC/CMG

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Color Code Chart : ICEA Table E2.pdf</p>
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Description:

22 AWG pairs, stranded (7x30) tinned copper conductors, twisted pairs, F-R PVC insulation, overall 100% Beldfoil® shield, F-R PVC jacket with ripcord.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	F-R PVC - Flame Retardant Polyvinyl Chloride
Insulation Diameter	.062 in.

PAIR:

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red and Numbered	2	Black & Red and Numbered

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	7x30
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	F-R PVC - Flame Retardant Polyvinyl Chloride
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9512 Paired - 300 Volt PLTC/ITC/CMG

Outer Jacket Nominal Wall Thickness	.042 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.310 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +105°C
UL Temperature Rating	105°C
Bulk Cable Weight	37 lbs/1000 ft.
Max. Recommended Pulling Tension	46 lbs.
Min. Bend Radius (Install)	3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	PLTC, ITC, CMG
CEC/C(UL) Specification	CMG

FLAME TEST:

UL Flame Test	UL1581 Vertical Tray
C(UL) Flame Test	FT4
IEEE Flame Test	1202

SUITABILITY:

Suitability - Indoor	Yes
Suitability - Outdoor	Yes
Suitability - Burial	Yes
Sunlight Resistance	Yes

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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SURFACE PRINTING:

Surface Printing	LEGEND: BELDEN XXXX E34972 2PR22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL)
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ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.21 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	26 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	45 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Other Maximum Continuous Currents	3.8 Amps per conductor @ 25°C



9512 Paired - 300 Volt PLTC/ITC/CMG

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9512 0601000	2 PR #22 PVC FS PVC	1000	42	CHROME	C
9512 060500	2 PR #22 PVC FS PVC	500	21	CHROME	

C = CRATE REEL PUT-UP.

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