

27615A Non-Paired - 600 Volt Tray Cable (TC)



Description:

16 AWG multi-conductor, stranded (7x24) bare copper, PVC/Nylon insulation, PVC jacket constructions.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	6
Total Number of Conductors	6
AWG	16
Stranding	(7X24H)
Conductor Material	BC - Bare Copper

GROUND WIRE:

Ground Wire (Y/N)	N
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INSULATION:

Insulation Material	PVC/Nylon - Polyvinyl Chloride/Nylon
Insulation Color Code Chart	ICEA METHOD I-K2

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.045 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.399 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C TO (+90°C DRY, +75°C WET)
Temperature Rating	(+90°C DRY, +75°C WET)
Bulk Cable Weight	96 lbs/1000 ft.
Max. Recommended Pulling Tension	171 lbs.
Min. Bend Radius (Install)	4 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	UL TC OR NPLF
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IEEE Specification	1202
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FLAME TEST:

UL Flame Test	1581 VERTICAL TRAY
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20 Deg. C	4.2 Ohms/1000 ft
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Max. Operating Voltage - Other	600 V RMS
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Max. Recommended Current	8 A
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