

**27338A Non-Paired - 600 Volt Tray Cable (TC)**

	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
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**Description:**

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

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	4
Total Number of Conductors	4
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
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Insulation Color Code Chart :

Number	Color	Number	Color
1	BLACK	3	BLUE
2	RED	4	ORANGE

**OVERALL CABLING:**

Overall Cabling Lay Length	3.5 in.
Overall Cabling Twists/ft.	3.4

**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	.332 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-30°C TO (+90°C DRY, +75°C WET)
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Temperature Rating	(+90°C DRY, +75°C WET)
Bulk Cable Weight	69 lbs/1000 ft.
Min. Bend Radius (Install)	3.3 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	UL TC OR NPLF
IEEE Specification	1202

**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. Capacitance Conductor to Conductor @ 1 KHz	49.6 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	4.2 Ohms/1000 ft
Max. Operating Voltage - Other	600 V RMS
Max. Recommended Current	7 A

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
27338A 01010000	4 #16 PVC/NYL PVC	10000	780	BLACK	C Z

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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