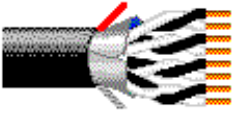


**1527A Paired - 600 Volt Tray Cable (TC)**

	<p style="text-align: center;">For more information please call <b>1-800-Belden1</b></p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p> <p style="text-align: center;">Color Code Chart : ICEA Table E1.pdf</p>
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**Description:**

16 AWG stranded (7x24) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall 100% Beldfoil® shield, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	3
Total Number of Conductors	6
AWG	16
Stranding	7x24
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	PVC/Nylon - Polyvinyl Chloride/Nylon
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Lay Length :

Lay Length (in.)	Direction	Twists/ft (twist/ft)
2.5		
2.75		

**INNER SHIELD:**

Inner Shield Color Code Chart :

Number	Color	Number	Color
1	Black & White and Numbered 1	3	Black & White and Numbered 3
2	Black & White and Numbered 2		

**OVERALL CABLING:**

Overall Cabling Lay Length	6.5 in.
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**OUTER SHIELD:**

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



**1527A Paired - 600 Volt Tray Cable (TC)**

**OUTER SHIELD DRAIN WIRE :**

Outer Shield Drain Wire AWG	16
Outer Shield Drain Wire Stranding	7x24
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.053 in.
Outer Jacket Ripcord	Yes

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.486 in.
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**MECHANICAL CHARACTERISTICS:**

Wet Temperature Range	-30°C To +75°C
Dry Temperature Range	-30°C To +90°C
Bulk Cable Weight	119 lbs/1000 ft.
Max. Recommended Pulling Tension	241 lbs.
Min. Bend Radius (Install)	4.75 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	NPLF, TC, UL Style 1277
Other Specification	ICEA S-73-532, S-61-402

**FLAME TEST:**

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

**SUITABILITY:**

Suitability - Burial	Yes
Sunlight Resistance	Yes

**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
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**ELECTRICAL CHARACTERISTICS:**

Nom. Conductor DC Resistance @ 20 Deg. C	3.67 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	3.14 Ohms/1000 ft

**Max. Operating Voltage - UL :**

<b>UL Voltage</b>	<b>UL</b>
TC	600 V RMS
NPLF	150 V RMS



**1527A Paired - 600 Volt Tray Cable (TC)**

**NOTES:**

Notes	Alternate color coding available upon request
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**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1527A 0107500	3 PR #16 PVC/NYL FS PVC	7500	1020	BLACK	B C

B = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 20% FROM LENGTH SHOWN.

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 06-10-2004

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