# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



# 27632A Multi-Conductor - 600 Volt Tray Cable (TC)



For more Information please call

1-800-Belden1

# **Description:**

18 AWG multi-conductor stranded (7x26) bare copper, PVC/Nylon insulation, PVC jacket.

# **Physical Characteristics (Overall)**

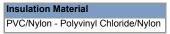
## Conductor

AWG:

# Conductors	AWG	Stranding	<b>Conductor Material</b>
60	18	7x26	BC - Bare Copper

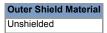
#### Insulation

**Insulation Material:** 



#### **Outer Shield**

**Outer Shield Material:** 



#### **Outer Jacket**

**Outer Jacket Material:** 

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.080

**Outer Jacket Ripcord:** 

Yes

## **Overall Cable**

**Overall Cabling Color Code Chart:** 

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow
6	Brown
7	Red/Black
8	Blue/Black
9	Orange/Black
10	Yellow/Black
11	Brown/Black
12	Black/Red
13	Blue/Red
14	Orange/Red
15	Yellow/Red
16	Brown/Red
17	Black/Blue
18	Red/Blue
19	Orange/Blue
20	Yellow/Blue
21	Brown/Blue
22	Black/Orange
23	Red/Orange
24	Blue/Orange
25	Yellow/Orange
26	Brown/Orange
27	Black/Yellow
28	Red/Yellow

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29	Blue/Yellow
30	Orange/Yellow
31	Brown/Yellow
32	Black/Brown
33	Red/Brown
34	Blue/Brown
35	Orange/Brown
36	Yellow/Brown
37	Black & Numbered 2
38	Red & Numbered 2
39	Blue & Numbered 2
40	Orange & Numbered 2
41	Yellow & Numbered 2
42	Brown & Numbered 2
43	Red/Black & Numbered 2
44	Blue/Black & Numbered 2
45	Orange/Black & Numbered 2
46	Yellow/Black & Numbered 2
47	Orange/Black & Numbered 2
48	Black/Red & Numbered 2
49	Blue/Red & Numbered 2
50	Orange/Red & Numbered 2

Overall Nominal Diameter: 0.960 in.

Mechanical	Characteristics	(Overall)
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Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
Bulk Cable Weight:	627 lbs/1000 ft.
Max. Recommended Pulling Tension:	1320 lbs.
Min. Bend Radius (Install)/Minor Axis:	9.600 in.

# **Applicable Specifications and Agency Compliance (Overall)**

# **Applicable Standards & Environmental Programs**

Other Specification:	ICEA S-73-532, S-95-658, S-61-402

#### **Flame Test**

NEC/(UL) Specification:

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

NPLF, TC

# Suitability

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

## Plenum/Non-Plenum

Plenum (Y/N): No

## **Electrical Characteristics (Overall)**

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 6.7

Max. Operating Voltage - UL:

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#### **ENGLISH MEASUREMENT VERSION**



27632A Multi-Conductor - 600 Volt Tray Cable (TC)

Voltage 600 V RMS (NEC Type TC) 150 V RMS (NPLF)

Max. Recommended Current:

Current
4.8 Amps per conductor @ 25°C

#### **Related Documents:**

No related documents are available for this product

### **Put Ups and Colors:**

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