

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	Conductor Material
60	18	7x26	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

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)

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

NEC/(UL) Specification: NPLF, TC

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

Flame Test

UL Flame Test: UL1685 UL Loading

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): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.7

Max. Operating Voltage - UL:

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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:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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