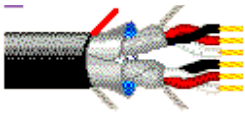


For more Information
please call

1-800-Belden1



General Description:

16 AWG triads stranded (7x24) bare copper conductors, twisted triads, individually shielded plus an overall Beldfoil shield (100% coverage), PVC/Nylon insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
36	16	7x24	BC - Bare Copper

Total Number of Conductors: 108

Insulation

Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG
18

Inner Shield Drain Wire Stranding: 7x26

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Inner Shield Color Code Chart:

Number	Color
1	Black & White & Red and Numbered 1
2	Black & White & Red and Numbered 2
3	Black & White & Red and Numbered 3
4	Black & White & Red and Numbered 4
5	Black & White & Red and Numbered 5
6	Black & White & Red and Numbered 6
7	Black & White & Red and Numbered 7
8	Black & White & Red and Numbered 8
9	Black & White & Red and Numbered 9
10	Black & White & Red and Numbered 10
11	Black & White & Red and Numbered 11
12	Black & White & Red and Numbered 12
13	Black & White & Red and Numbered 13
14	Black & White & Red and Numbered 14
15	Black & White & Red and Numbered 15
16	Black & White & Red and Numbered 16
17	Black & White & Red and Numbered 17
18	Black & White & Red and Numbered 18
19	Black & White & Red and Numbered 19
20	Black & White & Red and Numbered 20
21	Black & White & Red and Numbered 21

22	Black & White & Red and Numbered 22
23	Black & White & Red and Numbered 23
24	Black & White & Red and Numbered 24
25	Black & White & Red and Numbered 25
26	Black & White & Red and Numbered 26
27	Black & White & Red and Numbered 27
28	Black & White & Red and Numbered 28
29	Black & White & Red and Numbered 29
30	Black & White & Red and Numbered 30
31	Black & White & Red and Numbered 31
32	Black & White & Red and Numbered 32
33	Black & White & Red and Numbered 33
34	Black & White & Red and Numbered 34
35	Black & White & Red and Numbered 35
36	Black & White & Red and Numbered 36

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	2.794

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)
467.35816

Overall Nominal Diameter: 45.034 mm

Pair

Pair Lay Length & Direction:

Lay Length (mm)	Twists (twist/m)
76.2	13.124

Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 2736.800 Kg/Km

Max. Recommended Pulling Tension: 16013.500 N

Min. Bend Radius/Minor Axis: 457.200 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	ICEA S-73-532, S-61-402

Flame Test

UL Flame Test:	UL1685 UL Loading
CSA 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
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Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
12.0413

Nom. Inner Shield DC Resistance:

Description	DCR @ 20°C (Ohm/km)
	16.3722

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
8.98994

Max. Operating Voltage - UL:

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

Notes (Overall)

Notes: Alternate color coding available upon request.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 1 Revision Date: 04-15-2008

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3130A Triad - 600V Tray Cable

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