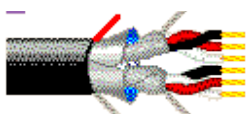


1100A Triad - 600V Tray Cable

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
24	16	7x24	BC - Bare Copper

Total Number of Conductors: 72

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

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	2.159

Outer Jacket Ripcord: Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (mm)
467.35816

Overall Nominal Diameter: 36.424 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:	1823.045 Kg/Km
Max. Recommended Pulling Tension:	13985.141 N
Min. Bend Radius/Minor Axis:	363.220 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	TC-ER
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
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Suitability

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Suitability - Burial:	Yes
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Sunlight Resistance:	Yes
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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)
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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: 06-19-2017

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