# **Detailed Specifications & Technical Data**

#### METRIC MEASUREMENT VERSION



## 1042A Multi-Conductor - 600V Tray Cable



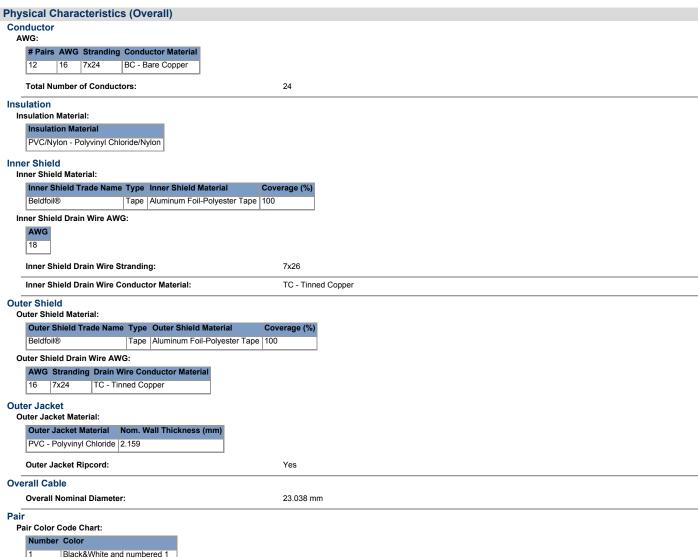
For more Information please call

1-800-Belden1



#### **General Description:**

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



Number	Color
1	Black&White and numbered 1
2	Black&White and numbered 2
3	Black&White and numbered 3
4	Black&White and numbered 4
5	Black&White and numbered 5
6	Black&White and numbered 6
7	Black&White and numbered 7
8	Black&White and numbered 8
9	Black&White and numbered 9
10	Black&White and numbered 10
11	Black&White and numbered 11
12	Black&White and numbered 12

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-30°C To +75°C
-30°C To +90°C
75°C Dry, +90°C Wet
675.048 Kg/Km
2148.481 N
231.140 mm

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

#### **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	NPLF, 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
ame Test	

#### Fla

Flame Test	
UL Flame Test:	UL1685 Vertical Tray Flame Test
CSA Flame Test:	FT4
IEEE Flame Test:	1202
Suitability	
Suitability - Burial:	Yes
Sunlight Resistance:	Yes
PL AL PL	

#### Plenum/Non-Plenum

Plenum (Y/N): No

## **Electrical Characteristics (Overall)**

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 13.780

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 10.302

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 16.635 Ohm/km

Max. Operating Voltage - UL:

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

Max. Recommended Current:

Current 3.6 Amps per conductor @ 30C

#### Notes (Overall)

Notes: Alternate color coding available upon request.

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1042A 0102500	2,500 FT	1,327.500 LB	BLACK	CZ	16/12 PR VNTC IS/OS 600V
1042A 0105000	5,000 FT	2,820.000 LB	BLACK	CZ	12 FS PR #16 PVC/NYL FS PVC

Notes:

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C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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