

## 1073A Multi-Conductor - 600V Tray Cable

For more Information  
please call

1-800-Belden1

**Description:**

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

**Physical Characteristics (Overall)****Conductor****AWG:**

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

Total Number of Conductors: 32

**Insulation****Insulation Material:**

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

**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)
279.3989

Overall Nominal Diameter: 24.028 mm

**Pair****Pair Color Code Chart:**

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

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11	Black & White and Numbered 11
12	Black & White and Numbered 12
13	Black & White and Numbered 13
14	Black & White and Numbered 14
15	Black & White and Numbered 15
16	Black & White and Numbered 16

## Pair Lay Length &amp; Direction:

Lay Length (mm)
63.49975
69.849725

## Mechanical Characteristics (Overall)

Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
Bulk Cable Weight:	759.428 Kg/Km
Max. Recommended Pulling Tension:	5239.980 N
Min. Bend Radius/Minor Axis:	241.300 mm

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC(UL) Specification:	NPLF, TC
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
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

## Suitability

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

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
9.31804

## Max. Operating Voltage - UL:

Voltage
600 V RMS (NEC Type TC)

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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
1073A 0102500	762 MT	654.310 KG	BLACK	C Z	16/16 PR VNTC OS 600V

**Notes:**

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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