

## 27335A Multi-Conductor - 600V Type TC Cable

For more Information  
please call

1-800-Belden1

**General Description:**

18 AWG multi-conductor stranded (7x26) bare copper conductors, PVC/Nylon insulation, PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
5	18	7x26	BC - Bare Copper

Total Number of Conductors: 5

**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 (mm)
PVC - Polyvinyl Chloride	1.194

Outer Jacket Ripcord: Yes

**Overall Cable****Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow

Overall Nominal Diameter: 8.560 mm

**Mechanical Characteristics (Overall)**

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 92.268 Kg/Km

Max. Recommended Pulling Tension: 489.302 N

Min. Bend Radius/Minor Axis: 86.360 mm

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

NEC/(UL) Specification: NPLF, TC

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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
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
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**Electrical Characteristics (Overall)****Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)
19.227

**Max. Operating Voltage - UL:**

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

**Max. Recommended Current:**

Current
4.8 Amps per conductor @ 25°C

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
27335A 01010000	10,000 FT	720.000 LB	BLACK		5 #18 PVC/NYL PVC
27335A 0105000	5,000 FT	350.000 LB	BLACK		5 #18 PVC/NYL PVC

Revision Number: 2    Revision Date: 11-19-2012

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