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1-800-Belden1



## General Description:

18 AWG triads stranded (7x26) tinned copper conductors, individual Beldfoil plus a polyester isolation tape, overall Beldfoil shield (100% coverage), PVC insulation, PVC jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
1	18	7x26	TC - Tinned Copper

Total Number of Conductors: 3

### Insulation

Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride

### Outer Shield

Outer Shield Material:

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

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.143

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Nominal Diameter: 7.696 mm

## Mechanical Characteristics (Overall)

Installation Temperature Range:	-25°C To +105°C
Operating Temperature Range:	-40°C To (+105°C Dry, +75°C Wet)
Non-UL Temperature Rating:	105°C
Bulk Cable Weight:	180.072 Kg/Km
Max. Recommended Pulling Tension:	102.309 N
Min. Bend Radius/Minor Axis:	76.200 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

CSA Specification:	C22.2#239, Type CIC, C22.2#0.3, Clause 4.31, Low Acid Test
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

### Flame Test

C(UL) Flame Test: FT4

**Suitability**

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)**

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)
147.645

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)
22.3108

**Maximum Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)
16.6347

**Max. Operating Voltage - Non-UL:**

Voltage	Description
300	CSA CIC

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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