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1-800-Belden1



### General Description:

10 AWG multi-conductor stranded (7x18) bare copper conductors, PVC/Nylon insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	10	7x18	BC - Bare Copper

Total Number of Conductors: 4

#### Ground Wire

Ground Wire (Y/N): N

#### 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 (in.)
PVC - Polyvinyl Chloride	0.047

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Blue
4	Orange

Overall Nominal Diameter: 0.495 in.

### Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

UL Temperature Rating: 75°C Wet

Bulk Cable Weight: 231 lbs/1000 ft.

Max. Recommended Pulling Tension: 592 lbs.

Min. Bend Radius/Minor Axis: 5 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: TC, THHN/THWN Singles

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): 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-95-658, S-61-402

**Flame Test**

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4

**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/1000 ft)**

1.04

**Max. Operating Voltage - UL:**

**Voltage**

600 V RMS

**Max. Recommended Current:**

**Current**

30 Amps per conductor @ 25°C

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
27140A 0101000	1,000 FT	210.000 LB	BLACK	C	4# 10 PVC/NYL PVC CABLE
27140A 01010000	10,000 FT	2,160.000 LB	BLACK	C	CALL CSR - INDUSTRIAL

**Notes:**

C = CRATE REEL PUT-UP.

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