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1-800-Belden1



### General Description:

Tinned copper conductor, rubber insulated.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
1	18	65x36	TC - Tinned Copper

Total Number of Conductors: 1

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
Rubber	0.049

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.144 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +90°C

Bulk Cable Weight: 15 lbs/1000 ft.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: No

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

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

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.500

#### Max. Recommended Current:

Description	Current
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10C temperature rise	8 amps @ 25C ambient
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**Breakdown Voltage:** 20,000 V RMS

**Suggested Working Voltage:** 5000 V RMS

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8899 002U1000	1,000 FT	16.000 LB	RED		18 STR EPDM RED
8899 002U500	500 FT	8.500 LB	RED		18 STR EPDM RED
8899 002100	100 FT	2.200 LB	RED		#18 STR EPDM RED
8899 0021000	1,000 FT	17.000 LB	RED	C	#18 STR EPDM RED
8899 00225	25 FT	0.600 LB	RED		#18 STR EPDM RED
8899 002500	500 FT	8.500 LB	RED		#18 STR EPDM RED
8899 004100	100 FT	2.200 LB	YELLOW		#18 STR EPDM YEL
8899 004500	500 FT	8.000 LB	YELLOW		#18 STR EPDM YEL
8899 005100	100 FT	2.200 LB	GREEN, DARK		#18 STR EPDM DGRN
8899 005500	500 FT	8.500 LB	GREEN, DARK		#18 STR EPDM DGRN
8899 006100	100 FT	2.200 LB	BLUE, LIGHT		#18 STR EPDM LBLU
8899 006500	500 FT	8.500 LB	BLUE, LIGHT		#18 STR EPDM LBLU
8899 009100	100 FT	2.300 LB	WHITE		#18 STR EPDM WHT
8899 009500	500 FT	8.500 LB	WHITE		#18 STR EPDM WHT
8899 010U1000	1,000 FT	16.000 LB	BLACK		#18 STR EPDM BLK
8899 010U500	500 FT	8.500 LB	BLACK		18 STR EPDM BLK
8899 010100	100 FT	2.300 LB	BLACK		18 STR EPDM BLK
8899 0101000	1,000 FT	17.000 LB	BLACK	C	#18 STR EPDM BLK
8899 01025	25 FT	0.600 LB	BLACK		18 STR EPDM BLK
8899 010500	500 FT	8.500 LB	BLACK		#18 STR EPDM BLK

**Notes:**

C = CRATE REEL PUT-UP.

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