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1-800-Belden1



## General Description:

The insulation is cross-linked polyethylene applied in a single extrusion. This construction has excellent thermal aging characteristics, moisture resistance, and solvent resistance. The 356-series of XL-DUR is recommended for class 130(B) as motor leads

## Physical Characteristics (Overall)

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	18	16x30	TC - Tinned Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Min. Avg. Wall (in.)
XLPE - Cross Linked Polyethylene	0.030

### Overall Insulation

### Overall Cable

Overall Nominal Diameter: 0.109 in.

## Mechanical Characteristics (Overall)

Bulk Cable Weight: 10 lbs/1000 ft.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL Rating:	600 V, 125°C
CSA Rating:	600 V, 125°C
CSA Type:	CL1251
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):	07/01/2004
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

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.000

Max. Operating Voltage - UL:

Voltage

600 Vrms

Max. Recommended Current:

Description	Current
Single conductor in free air @ ambient 30C	22 amps

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
35618 0015000	5,000 FT	50.000 LB	BROWN	C I U Z	#18STR XLPE 125C 600VBRN
35618 002500	500 FT	5.500 LB	RED	F	#18 STR XLPE 125C 600V
35618 0025000	5,000 FT	50.000 LB	RED	C I U Z	#18STR XLPE 125C 600VRED
35618 0035000	5,000 FT	50.000 LB	ORANGE	C I U Z	#18STR XLPE 125C 600VORG
35618 004500	500 FT	5.500 LB	YELLOW	F	#18 STR XLPE 125C 600V
35618 0045000	5,000 FT	50.000 LB	YELLOW	C I U Z	#18STR XLPE 125C 600VVEL
35618 0055000	5,000 FT	50.000 LB	GREEN, DARK	C I U Z	#18STRXLPE 125C 600VDGRN
35618 0065000	5,000 FT	50.000 LB	BLUE, LIGHT	C I U Z	#18STRXLPE 125C 600VLBLU
35618 0075000	5,000 FT	50.000 LB	VIOLET	C I U Z	#18STR XLPE 125C 600VVIO
35618 0085000	5,000 FT	50.000 LB	GRAY	C I U Z	#18STR XLPE 125C 600VGRY
35618 0095000	5,000 FT	50.000 LB	WHITE	C I U Z	#18STR XLPE 125C 600VWHT
35618 010500	500 FT	5.500 LB	BLACK	F	#18 STR XLPE 125C 600V
35618 0105000	5,000 FT	50.000 LB	BLACK	C I U Z	#18STR XLPE 125C 600VBLK
35618 0125000	5,000 FT	50.000 LB	PINK	C I U Z	#18STR XLPE 125C 600VPNK
35618 0135000	5,000 FT	50.000 LB	BLUE, DARK	C I U Z	#18STRXLPE 125C 600VDBLU

**Notes:**

C = CRATE REEL PUT-UP.

F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'

I = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'

U = TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10000' PER COLORCOMBINATION. (SEE TOPCOAT ADDER TABLE)

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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