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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 (mm)
XLPE - Cross Linked Polyethylene	0.762

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 2.769 mm

### Mechanical Characteristics (Overall)

Bulk Cable Weight: 14.882 Kg/Km

### 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

MII Order #39 (China RoHS): Yes

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

## METRIC MEASUREMENT VERSION

### 35618 Hook-up/Lead - UL AWM Style 3173 - XL-DUR®

#### DCR @ 20°C (Ohm/km)

19.686

#### 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	1,524 MT	22.680 KG	BROWN	C I U Z	#18STR XLPE 125C 600VBRN
35618 002500	152 MT	2.495 KG	RED	F	#18 STR XLPE 125C 600V
35618 0025000	1,524 MT	22.680 KG	RED	C I U Z	#18STR XLPE 125C 600VRED
35618 0035000	1,524 MT	22.680 KG	ORANGE	C I U Z	#18STR XLPE 125C 600VORG
35618 004500	152 MT	2.495 KG	YELLOW	F	#18 STR XLPE 125C 600V
35618 0045000	1,524 MT	22.680 KG	YELLOW	C I U Z	#18STR XLPE 125C 600VYEL
35618 005500	152 MT	2.495 KG	GREEN, DARK	F	#18 STR XLPE 125C 600V
35618 0055000	1,524 MT	22.680 KG	GREEN, DARK	C I U Z	#18STRXLPE 125C 600VDGRN
35618 0065000	1,524 MT	22.680 KG	BLUE, LIGHT	C I U Z	#18STRXLPE 125C 600VLBLU
35618 0075000	1,524 MT	22.680 KG	VIOLET	C I U Z	#18STR XLPE 125C 600VVIO
35618 0085000	1,524 MT	22.680 KG	GRAY	C I U Z	#18STR XLPE 125C 600VGRY
35618 0095000	1,524 MT	22.680 KG	WHITE	C I U Z	#18STR XLPE 125C 600VWHT
35618 010500	152 MT	2.495 KG	BLACK	F	#18 STR XLPE 125C 600V
35618 0105000	1,524 MT	22.680 KG	BLACK	C I U Z	#18STR XLPE 125C 600VBLK
35618 0125000	1,524 MT	22.680 KG	PINK	C I U Z	#18STR XLPE 125C 600VPNK
35618 0135000	1,524 MT	22.680 KG	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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