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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	16	26x30	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: 3.099 mm

Mechanical Characteristics (Overall)

Bulk Cable Weight: 20.835 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 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:

DCR @ 20°C (Ohm/km)

13.124

Max. Operating Voltage - UL:

Voltage

600 V

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	28 amps

Put Ups and Colors:

METRIC MEASUREMENT VERSION

35616 Hook-up/Lead - UL AWM Style 3173 - XL-DUR®

Item #	Putup	Ship Weight	Color	Notes	Item Desc
35616 0015000	5,000 FT	75.000 LB	BROWN	C I U Z	#16STR XLPE 125C 600VBRN
35616 002500	500 FT	7.500 LB	RED	F	#16 STR XLPE 125C 600V
35616 0025000	5,000 FT	75.000 LB	RED	C I U Z	#16 STR XLPE 125C 600V
35616 0035000	5,000 FT	75.000 LB	ORANGE	C I U Z	#16STR XLPE 125C 600VORG
35616 0045000	5,000 FT	75.000 LB	YELLOW	C I U Z	#16STR XLPE 125C 600VYEL
35616 005500	500 FT	7.500 LB	GREEN, DARK	F	#16 STR XLPE 125C 600V
35616 0055000	5,000 FT	75.000 LB	GREEN, DARK	C I U Z	#16STRXLPE 125C 600VDGRN
35616 0065000	5,000 FT	75.000 LB	BLUE, LIGHT	C I U Z	#16STRXLPE 125C 600VLBLU
35616 009500	500 FT	7.500 LB	WHITE	F	#16 STR XLPE 125C 600V
35616 010500	500 FT	7.500 LB	BLACK	F	#16 STR XLPE 125C 600V
35616 0105000	5,000 FT	75.000 LB	BLACK	C I U Z	#16STR XLPE 125C 600VBLK

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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