

For more Information
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1-800-Belden1



General Description:

EPDM high temperature lead wire. 150°C EPDM wire is recommended for Class 130(B), 155(F) and also in some 180(H) systems. It's UL Recognized under Style 3374 as 150°C-600V Appliance Wiring Material. The CSA Listing, as a coil lead, is 125°C, 600V.

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)
EPDM - Ethylene Propylene Diene Monomer Rubber	1.143

Overall Insulation

Overall Cable

Overall Nominal Diameter: 3.581 mm

Mechanical Characteristics (Overall)

UL Temperature Rating: 125°C (UL AWM Style 3340), 125°C (UL AWM Style 3374), 150°C

Bulk Cable Weight: 18.975 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 600 V, 150°C

CSA Rating: 600 V, 125°C

CSA Type: CL1254

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): 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/km)
19.686

Max. Operating Voltage - UL:

Voltage
600 V RMS (UL AWM Style 3340)
600 V RMS (UL AWM Style 3374)

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	24 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
37118 002500	500 FT	7.500 LB	RED	F	#18 STR EPDM 150C 600V
37118 0025000	5,000 FT	70.000 LB	RED	C I Z	#18STR EPDM 150C 600VRED
37118 005500	500 FT	7.500 LB	GREEN, DARK	F	#18STREPDM150C600VDGRN
37118 009500	500 FT	7.500 LB	WHITE	F	#18 STR EPDM 150C 600V
37118 0095000	5,000 FT	70.000 LB	WHITE	C I Z	#18STR EPDM 150C 600VVHT
37118 010500	500 FT	7.500 LB	BLACK	F	#18 STR EPDM 150C 600V
37118 0105000	5,000 FT	70.000 LB	BLACK	C I Z	#18STR EPDM 150C 600VBLK
37118 0135000	5,000 FT	70.000 LB	BLUE, DARK	C I Z	#18STREPDM 150C 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'

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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