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1-800-Belden1



General Description:

EPDM high temperature lead wire. 150C 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 150C-600V Appliance Wiring Material. The CSA Listing, as a coil lead, is 125C, 600V.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	1/0	262x24	TC - Tinned Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Min. Avg. Wall (mm)
EPDM-Ethylene Propylene Diene Monomer Rubber	2.413

Separator

Separator Material over Conductor: Y

Overall Insulation

Overall Cable

Overall Nominal Diameter: 16.078 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -55°C To +150°C

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

Bulk Cable Weight: 644.391 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL AWM Style: UL Style 3340 (600 V 125°C), UL Style 3374 (600 V 125°C)

UL Rating: 600 V, 150°C

CSA Rating: 600 V, 125°C

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

CSA Type: CL1254

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)
0.328

Max. Operating Voltage - UL:

Voltage	Description
600 VRMS	UL AWM 3340
600 VRMS	UL AWM 3374

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	339 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
37190 010100	100 FT	48.300 LB	BLACK	C	#1/0 STR EPDM 150C 600V
37190 010250	250 FT	115.500 LB	BLACK	C F	#1/0 STR EPDM 150C 600V
37190 01050	50 FT	24.650 LB	BLACK	C	#1/0 STR EPDM 150C 600V
37190 010500	500 FT	223.500 LB	BLACK	C	1/0 STR EPDM BLK

Notes:

C = CRATE REEL PUT-UP.

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

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