



For more Information
please call

1-800-Belden1



General Description:

EPDM is naturally corona and more heat resistant than many other rubber compounds and is able to take longer bake cycles frequently needed for big jobs. EPDM has superior weather resistance and low temperature pliability.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	4/0	805x26	TC - Tinned Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Min. Avg. Wall (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	3.175

Separator

Separator Material over Conductor: Y

Overall Insulation

Overall Cable

Overall Nominal Diameter: 23.089 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 1328.963 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 7500 V, 150°C

UL Type: AWM 3499

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): 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)

0.164

Max. Operating Voltage - UL:

Voltage	Description
7500 VRMS	UL AWM 3499

Max. Recommended Current:

Description	Current
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Single conductor in free air @ 30C ambient. 529 amps

Notes (Overall)

Notes: Exact strand count may vary.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
37540 010250	250 FT	233.000 LB	BLACK	C F	#4/0 EPDM 150C 7.5KV AC
37540 01050	50 FT	49.500 LB	BLACK	C	#4/0 EPDM 150C 7.5KV AC
37540 010500	500 FT	480.500 LB	BLACK	C F	#4/0 EPDM 150C 7.5KV AC

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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