



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	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	3.175

Separator

Separator Material over Conductor: Y

Overall Insulation

Overall Cable

Overall Nominal Diameter: 17.475 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 692.013 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL AWM Style:	3499
UL Rating:	7500 V, 150°C
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)
0.328

Max. Operating Voltage - UL:

Voltage	Description
7500 V RMS	UL AWM 3499

Max. Recommended Current:

Description	Current
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METRIC MEASUREMENT VERSION

37590 Hook-up/Lead - UL AWM Style 3499

Single conductor in free air @ 30C ambient	339 amps
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
37590 010250	250 FT	123.500 LB	BLACK	C F	#1/0 EPDM 150C 7.5KV AC
37590 01050	50 FT	27.250 LB	BLACK	C	#1/0 EPDM 150C 7.5KV AC
37590 010500	500 FT	243.000 LB	BLACK	C F	#1/0 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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