

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	8	84x27	TC - Tinned Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	3.175

### Separator

Separator Material over Conductor: Y

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 10.744 mm

## Mechanical Characteristics (Overall)

Bulk Cable Weight: 179.923 Kg/Km

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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)
1.969

**Max. Operating Voltage - UL:**

Voltage	Description
7500 VRMS	UL AWM 3499

**Max. Recommended Current:**

Description	Current
Single conductor in free air @ 30C ambient	155 amps

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
37508 0101000	1,000 FT	130.000 LB	BLACK	C F	#8 STR EPDM BLK
37508 01050	50 FT	9.600 LB	BLACK	C	#8 STR EPDM BLK
37508 010500	500 FT	66.000 LB	BLACK	C F	#8 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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