

Part Number: 9867

High Voltage Leads



Product Description

Tinned copper conductor, conductive polyethylene (Korona-Guard) over inner conductor provides uniform distribution of voltage stresses, polyethylene insulated. Red PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper	1
Total Number of Conductors:			1

Insulation:

Element	Material	Nominal Wall Thickness
	PE - Polyethylene	0.046 in
.003 in. conductive polyethylene over stranding.		

Color Chart 1:

Number
6

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.191 mm	0.028 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
5.96 Ohm/km

High Frequency (Nominal/Typical):

Nom. Insertion Loss
6 db/100m
6 db/100m
6 db/100m
6 db/100m

Unbalanced Crosstalk:

Typical Unbalanced NEXT %
6 MHz

High Freq:

Max. Insertion Loss (Attenuation)
6 db/100m

Voltage:

Breakdown Voltage	Description	UL Description	UL Voltage Rating	Voltage Rating [V]
60,000 DC	AC (60 Hertz)	DC	30,000V RMS	10,000 V

Use

Safety

UL Flammability:	VW-1
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Temperature Range

UL Temp Rating:	80°C (UL AWM Style 3239)
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Mechanical Characteristics

Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
UL AWM Style:	UL Style 3239 (30000V DC 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

Product Variants

Part Number	Color	Put-Up Type	Length
9867 002500	RED	Reel	500 ft

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