



Part Number: 37508

Hook-Up/Lead Wire UL AWM Style 3499, (1) 8 AWG (84x27) TC, EPDM, 7500V, 150°C

[Request Sample](#)

Product Description

One 8 AWG stranded (84x27) tinned copper conductors, EPDM insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
8	84x27	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	8 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.423 in	0.131 in
EPDM - Ethylene Propylene Diene Monomer Rubber		

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.423 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.6 Ohm/1000ft

Shielding:	Unshielded
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Current

Max. Recommended Current [A]
Single conductor in free air @ 30C ambient 155 amps

Voltage

UL Voltage Rating
7500 VRMS UL AWM 3499

Temperature Range

UL Temp Rating:	150°C
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Mechanical Characteristics

Bulk Cable Weight:	120.9 lbs/1000ft
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Standards

UL AWM Style:	3499
Military Specification:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL voltage rating:	7500 V RMS UL AWM 3499
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
37508 0101000	Black	C F
37508 01050	Black	C
37508 010500	Black	C F

Footnote:	C - CRATE REEL PUT-UP.
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Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
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