

Product: 9438

Lead Wire, #14 Str TC, PO Ins

Request Sample

Product Description

Low Temp Plastic Lead Wire, 14AWG (104x34) Tinned Copper, PO Insulation

Technical Specifications

Product Overview

Suitable Applications:	direct burial , roadway loop cables

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	14 AWG	104x34	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Notes
PE - Polyethylene	0.032 in (0.81 mm)	0.139 in (3.53 mm)	HDPE

Overall Cable Diameter (Nominal):	0.139 in (3.53 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
2.7 Ohm/1000ft	Single conductor in free air @ 30ºC: 20 A

Voltage

Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-50°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
1.39 in (35.3 mm)	1.39 in (35.3 mm)

Max. Pull Tension:	48 lbs (22 kg)
Bulk Cable Weight:	18 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Outdoor
Sustainability:	CA Prop 65
European Directive Compliance:	EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.472 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9438 0101000	Black	Reel	1,000 ft	612825248392	C

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