

Product: 37104

Lead Wire, #4 Str TC, EPDM Ins, AWM 3340 AWM 3374

Request Sample

Product Description

Rubber Lead Wire, 4AWG (105x24) Tinned Copper, EPDM Insulation, AWM 3340 AWM 3374 CSA TYPE CL1254 600V 125C FLEX 150C NO FLEX

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B), 155(F) and also in some 180(H) motor lead systems, high temperature, internal wiring of appliances

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	4 AWG	105x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.084 in (2.1 mm)	0.432 in (11.0 mm)

Overall Cable Diameter (Nominal):	0.432 in (11.0 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.279 Ohm/1000ft	192 Amps per Conductor at 30ºC

Voltage

UL Voltage Rating
600 V (AWM 3340, AWM 3374)

Mechanical Characteristics

Temperature

UL Temperature	Operating
150°C	-55°C To +150°C

Bend Radius

Stationary Min.	Installation Min.
4.32 in (110 mm)	4.32 in (110 mm)

Max. Pull Tension:	532 lbs (241 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	187 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal flame

AWM Compliance:	AWM 3340, AWM 3374
CEC / C(UL) Compliance:	CL-1254
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Separator Material over Conductor: Y,

History

Update and Revision:	Revision Number: 0.488 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
37104 010100	Black	Reel	100 ft	612825146704	C
37104 010250	Black	Reel	250 ft	612825146728	C F
37104 010500	Black	Reel	500 ft	612825146735	C F
37104 0101000	Black	Reel	1,000 ft	612825146711	C

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