Product: 9912 ⬀

Lead Wire, #12 Str TC, PVC Ins, AWM 1015 CSA TYPE TEW

⋕ Request Sample

Product Description

Low Temp Plastic Lead Wire, 12AWG (65x30) Tinned Copper, PVC Insulation, AWM 1015 CSA TYPE TEW JQA-F 600V 105C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	65x30	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.158 in	0.030 in	0.03 in

Construction and Dimensions

Cabling

Twists
6 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.5 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	51.0 A

Voltage

Non-UL Voltage Rating	UL Voltage Rating
600 V	600 V RMS

Temperature Range

Non-UL Temp Rating:	105°C
UL Temp Rating:	105°C
Operating Temp Range:	-25°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	27.8 lbs/1000ft

Standards

UL Rating:	600V, 105°C
UL AWM Style:	MTW or TW or AWM 1015/1230
CSA Rating:	600V, 105°C
CSA AWM Specification:	AWM I A/B or TEW
CSA Type:	AWM I A/B or TEW
Military Specification:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
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 CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-07-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9912 010100	Black	Reel	100 ft	612825261520
9912 010250	Black	Reel	250 ft	612825261544
9912 0102000	Black	Reel	2,000 ft	612825261537
9912 013100	Blue, Dark	Reel	100 ft	612825261575
9912 013250	Blue, Dark	Reel	250 ft	612825261582
9912 001100	Brown	Reel	100 ft	612825261278
9912 008250	Gray	Reel	250 ft	612825261421
9912 005100	Green, Dark	Reel	100 ft	612825261377
9912 005250	Green, Dark	Reel	250 ft	612825261391
9912 0052000	Green, Dark	Reel	2,000 ft	612825261384
9912 003250	Orange	Reel	250 ft	612825261322
9912 002100	Red	Reel	100 ft	612825261292
9912 002250	Red	Reel	250 ft	612825261315
9912 0022000	Red	Reel	2,000 ft	612825261308
9912 009100	White	Reel	100 ft	612825261452
9912 009250	White	Reel	250 ft	612825261476
9912 0092000	White	Reel	2,000 ft	612825261469
9912 004100	Yellow	Reel	100 ft	612825261339
9912 004250	Yellow	Reel	250 ft	612825261346

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.298 Revision Date: 04-28-2020

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable](#):
  9912 013100 9912 010250 9912 013250 9912 008250 9912 003250 9912 002100 9912 009100 9912 010100
9912 004100 9912 001100 9912 005100 9912 002250 9912 009250