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1-800-Belden1



General Description:

12 AWG stranded (65x30) tinned copper conductor, PVC insulation. Rated 105°C, 600V. Rated 2500V peak for electronic circuits, and internal wiring of electronic and electrical equipment.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	12	65x30	TC - Tinned Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Min. Avg. Wall (mm)
PVC - Polyvinyl Chloride	0.762

Overall Insulation

Overall Cable

Overall Nominal Diameter: 4.013 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -25°C To +105°C

Bulk Cable Weight: 41.372 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating:	600 V, 105°C
UL Type:	MTW or TW or AWM 1015/1230
CSA Rating:	600 V, 105°C
CSA Type:	AWM I A/B or TEW
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	07/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test: VW-1

CSA Flame Test: FT1

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
4.922

Max. Operating Voltage - UL:

Voltage
600 V RMS

METRIC MEASUREMENT VERSION

9912 Hook-up/Lead - UL AWM Style 1015

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	51 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9912 001100	100 FT	3.500 LB	BROWN		12 STR PVC BRN
9912 002100	100 FT	3.500 LB	RED		12 STR PVC RED
9912 0022000	2,000 FT	58.000 LB	RED	C	12 STR PVC RED
9912 002250	250 FT	8.000 LB	RED		12 STR PVC RED
9912 003250	250 FT	8.000 LB	ORANGE		12 STR PVC ORG
9912 004100	100 FT	3.500 LB	YELLOW		12 STR PVC YEL
9912 004250	250 FT	8.000 LB	YELLOW		12 STR PVC YEL
9912 005100	100 FT	3.500 LB	GREEN, DARK		12 STR PVC D GRN
9912 0052000	2,000 FT	58.000 LB	GREEN, DARK	C	#12 STR PVC DGRN
9912 005250	250 FT	8.000 LB	GREEN, DARK		12 STR PVC D GRN
9912 008250	250 FT	8.000 LB	GRAY		#12 STR PVC GRY
9912 009100	100 FT	3.500 LB	WHITE		12 STR PVC WHT
9912 0092000	2,000 FT	60.000 LB	WHITE	C	#12 STR PVC WHT
9912 009250	250 FT	8.000 LB	WHITE		12 STR PVC WHT
9912 010100	100 FT	3.500 LB	BLACK		12 STR PVC BLK
9912 0102000	2,000 FT	60.000 LB	BLACK	C	#12 STR PVC BLK
9912 010250	250 FT	8.000 LB	BLACK		12 STR PVC BLK
9912 013100	100 FT	3.500 LB	BLUE, DARK		12 STR PVC D BLU
9912 013250	250 FT	8.000 LB	BLUE, DARK		12 STR PVC D BLU

Notes:

C = CRATE REEL PUT-UP.

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