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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
MII 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

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	30 MT	1.588 KG	BROWN		12 STR PVC BRN
9912 002100	30 MT	1.588 KG	RED		12 STR PVC RED
9912 0022000	610 MT	26.308 KG	RED	C	12 STR PVC RED
9912 002250	76 MT	3.629 KG	RED		12 STR PVC RED
9912 003250	76 MT	3.629 KG	ORANGE		12 STR PVC ORG
9912 004100	30 MT	1.588 KG	YELLOW		12 STR PVC YEL
9912 004250	76 MT	3.629 KG	YELLOW		12 STR PVC YEL
9912 005100	30 MT	1.588 KG	GREEN, DARK		12 STR PVC D GRN
9912 0052000	610 MT	26.308 KG	GREEN, DARK	C	#12 STR PVC DGRN
9912 005250	76 MT	3.629 KG	GREEN, DARK		12 STR PVC D GRN
9912 008250	76 MT	3.629 KG	GRAY		#12 STR PVC GRY
9912 009100	30 MT	1.588 KG	WHITE		12 STR PVC WHT
9912 0092000	610 MT	27.216 KG	WHITE	C	#12 STR PVC WHT
9912 009250	76 MT	3.629 KG	WHITE		12 STR PVC WHT
9912 010100	30 MT	1.588 KG	BLACK		12 STR PVC BLK
9912 0102000	610 MT	27.216 KG	BLACK	C	#12 STR PVC BLK
9912 010250	76 MT	3.629 KG	BLACK		12 STR PVC BLK
9912 013100	30 MT	1.588 KG	BLUE, DARK		12 STR PVC D BLU
9912 013250	76 MT	3.629 KG	BLUE, DARK		12 STR PVC D BLU

Notes:

C = CRATE REEL PUT-UP.

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