

For more Information
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1-800-Belden1



General Description:

Tinned copper conductor, PVC insulation.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	6	133x27	TC - Tinned Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.524

Overall Insulation

Overall Cable

Overall Nominal Diameter: 8.407 mm

Mechanical Characteristics (Overall)

Bulk Cable Weight: 174.119 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 600 V, 105°C

UL Type: MTW or THW or 1015/1232/1283

CSA Rating: 600 V, 105°C

CSA Type: TEW or AWM I A/B

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

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
1.247

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	121 Amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9906 001100	100 EA	13.400 LB	BROWN		#6 STR PVC BRN
9906 0011000	1,000 FT	122.000 LB	BROWN		#6 STR PVC BRN
9906 002100	100 EA	5.100 LB	RED	C	#6 STR PVC RED
9906 0021000	1,000 FT	122.000 LB	RED	C	#6 STR PVC RED
9906 005100	100 EA	5.100 LB	GREEN, DARK	C	#6 STR PVC DGRN
9906 0051000	1,000 FT	122.000 LB	GREEN, DARK	C	#6 STR PVC DGRN
9906 009100	100 EA	5.100 LB	WHITE	C	#6 STR PVC WHT
9906 0091000	1,000 FT	122.000 LB	WHITE		#6 STR PVC WHT
9906 010100	100 EA	5.100 LB	BLACK	C	#6 STR PVC BLK
9906 0101000	1,000 FT	122.000 LB	BLACK	C	#6 STR PVC BLK
9906 013100	100 EA	5.100 LB	BLUE, DARK	C	#6 STR PVC DBLU

Notes:

C = CRATE REEL PUT-UP.

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