

For more Information
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1-800-Belden1



General Description:

Tinned copper conductor, semi-rigid PVC insulation (solid conductors suitable for wire wrap applications).

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	22	7x30	TC - Tinned Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

Overall Insulation

Overall Cable

Overall Nominal Diameter: 1.270 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Bulk Cable Weight: 4.465 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 300 V RMS, 80°C

CSA Rating: 300 V RMS, 80°C

CSA Type: 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): 10/01/2005

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

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
49.215

Max. Operating Voltage - Other:

Voltage	Description
600 Vrms	Mil-W-16878/4

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	10 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9983 001100	30 MT	0.181 KG	BROWN		22 STR PVC BRN
9983 0011000	305 MT	1.814 KG	BROWN	P	22 STR PVC BRN
9983 002100	30 MT	0.181 KG	RED		22 STR PVC RED
9983 0021000	305 MT	1.814 KG	RED	P	22 STR PVC RED
9983 003100	30 MT	0.181 KG	ORANGE		22 STR PVC ORG
9983 0031000	305 MT	1.814 KG	ORANGE	P	22 STR PVC ORG
9983 004100	30 MT	0.181 KG	YELLOW		22 STR PVC YEL
9983 0041000	305 MT	1.814 KG	YELLOW	P	22 STR PVC YEL
9983 005100	30 MT	0.181 KG	GREEN, DARK		22 STR PVC GRN
9983 0051000	305 MT	1.814 KG	GREEN, DARK	P	22 STR PVC GRN
9983 0071000	305 MT	1.814 KG	VIOLET	P	22 STR PVC VIO
9983 0081000	305 MT	1.814 KG	GRAY	P	22 STR PVC GRY
9983 009100	30 MT	0.181 KG	WHITE		22 STR PVC WHT
9983 0091000	305 MT	1.814 KG	WHITE	C P	22 STR PVC WHT
9983 010100	30 MT	0.181 KG	BLACK		22 STR PVC BLK
9983 0101000	305 MT	1.814 KG	BLACK	P	22 STR PVC BLK
9983 01010000	3,048 MT	13.608 KG	BLACK	P	#22 STR PVC BLK
9983 013100	30 MT	0.181 KG	BLUE, DARK		22 STR PVC DK.BLU
9983 0131000	305 MT	1.814 KG	BLUE, DARK	P	22 STR PVC DK.BLU

Notes:

C = CRATE REEL PUT-UP.

P = STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M' FOR 1 OR 2 STRIPES. 10000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL

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