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1-800-Belden1



General Description:

Stranded tinned copper conductor (Uni-Strand®).

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|---------------------------------|
| 1 | 22 | 7x30 | Uni-Strand® (TC- Tinned Copper) |

Total Number of Conductors: 1

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) | Min. Avg. Wall (mm) |
|--------------------------|---------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.406 | 0.381 |

Overall Insulation

Overall Cable

Overall Nominal Diameter: 1.575 mm

Mechanical Characteristics (Overall)

Bulk Cable Weight: 5.358 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL AWM Style: UL Style 1007 (300 V 80°C)

UL Rating: 80°C

CSA Rating: 90°C

CSA Type: TR-64

EU Directive 2011/65/EU (ROHS II): 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

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

| Voltage |
|-----------|
| 300 V RMS |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------------|-------|------------------|
| 32822 0025000 | 5,000 FT | 20.000 LB | RED | I U Z | #22 STR PVC RED |
| 32822 0035000 | 5,000 FT | 20.000 LB | ORANGE | I U Z | #22 STR PVC ORG |
| 32822 0055000 | 5,000 FT | 20.000 LB | GREEN, DARK | I U Z | #22 STR PVC DGRN |

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

32822 Hook-up/Lead - UL AWM Style 1007

| | | | | | |
|---------------|----------|-----------|-------|---------|-----------------|
| 32822 0095000 | 5,000 FT | 20.000 LB | WHITE | C I U Z | #22 STR PVC WHT |
| 32822 0105000 | 5,000 FT | 20.000 LB | BLACK | C I U Z | #22 STR PVC BLK |

Notes:

C = CRATE REEL PUT-UP.

I = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'

U = TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10000' PER COLORCOMBINATION. (SEE TOPCOAT ADDER TABLE)

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 3 Revision Date: 10-01-2008

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