



Part Number: 9512

300V PLTC, (2 pr) 22 AWG (7x30) TC, PVC/PVC, Foil Shld, CMG

Product Description

Two 22 AWG pair stranded (7x30) tinned copper conductors, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Pairs |
|-----|-----------|--------------------|--------------|
| 22 | 7x30 | TC - Tinned Copper | 2 |

| | |
|-------------------------|-----|
| Conductor Count: | 4 |
| Total Number of Pairs: | 2 |
| Total Number of Triads: | N/A |
| AWG Size: | 22 |

Insulation

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.017 in |

Color Chart

| Number | Color |
|--------|--------------------------|
| 1 | Black & Red and Numbered |
| 2 | Black & Red and Numbered |

Outer Shield Material

| Type | Material | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|------|------------------------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Tape | Aluminum Foil-Polyester Tape | Beldfoil® | 100 % | TC - Tinned Copper | 22 | 7x30 mm |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.295 in | 0.042 in | Yes |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 15 Ohm/1000ft | 15 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 26 pF/ft | 45 pF/ft |

Inductance

| Nominal Inductance |
|--------------------|
| 0.21 µH/ft |

Voltage

| UL Voltage Rating |
|-------------------|
| 300V RMS |

Temperature Range

| | |
|-----------------------|-----------------|
| UL Temp Rating: | 105°C |
| Operating Temp Range: | -30°C To +105°C |

Mechanical Characteristics

| | |
|----------------------------------|---------------|
| Bulk Cable Weight: | 37 lbs/1000ft |
| Max Recommended Pulling Tension: | 20 lbs |
| Min Bend Radius/Minor Axis: | 3 in |

Standards

| | |
|--------------------------|----------------------|
| NEC/(UL) Specification: | CMG, ITC-ER, PLTC-ER |
| CEC/C(UL) Specification: | CMG |
| UL AWM Style: | 2464 |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Suitability

| | |
|------------------------------------|-----|
| Suitability - Burial: | Yes |
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |
| Suitability - Sunlight Resistance: | Yes |

Flammability, LS0H, Toxicity Testing

| | |
|---------------------|-------------------|
| C(UL) Flammability: | FT4 |
| UL Flammability: | UL1685 UL Loading |
| IEEE Flammability: | 1202 |

Part Number

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Variants

| Item # | Color | Footnote |
|--------------|--------|----------|
| 9512 0601000 | CHROME | C |
| 9512 060500 | CHROME | C |
| 9512 0605000 | CHROME | C Z |

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

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