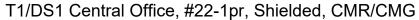


Product: <u>1175A</u> ☑





Product Description

22 AWG solid tinned copper conductors, twisted pairs, polyethylene insulation, overall Beldfoil® shield (100% coverage), 24 AWG solid tinned copper drain wire, PVC jacket.

Technical Specifications

Product Overview

| Suitable Applications: | Bits Timing Cable, DS1, T1, Central Office, Cross-Connect, Interconnect |
|------------------------|---|

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 1 | 22 AWG | Solid | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|-------------------|--------------------|--------------------------|--------------|
| Pair(s) | PE - Polyethylene | 0.024 in (0.61 mm) | 0.073 in (1.9 mm) | Blue & White |

Outer Shield

| Shie | ld Type | Material | Coverage | Drainwire Type |
|------|---------|-------------------------|----------|-------------------|
| Tape | ; | Bi-Laminate (Alum+Poly) | 100% | 24 AWG (Solid) TC |

Outer Jacket

| | Material | Nom. Thickness | Nom. Diameter | Ripcord |
|---|---------------------------|-------------------|---------------|---------|
| | PVC - Polyvinyl Chloride | 0.020 in (0.51 mn | n) 0.195 in | Yes |
| i | Overall Cable Diameter (I | Nominal): 0 | 1.195 in | |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Max. Current |
|-----------------------|-------------------------------|---|-------------------------------|------------------------------|
| 20.6 Ohm/1000ft | 17 pF/ft (56 pF/m) | 30.6 pF/ft (100 pF/m) | 100 Ohm | 6 Amps per Conductor at 30°C |

Voltage

UL Voltage Rating

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|-----------------------|----------------|
| 75°C | -20°C to +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 1.95 in (49.5 mm) | 1.95 in |

| Max. Pull Tension: | 20.7 lbs (9.39 kg) |
|--------------------|--------------------|
| Bulk Cable Weight: | 17 lbs/1000ft |

Standards and Compliance

| Environmental Suitability: | Indoor - Riser, Indoor |
|----------------------------------|---|
| Flammability / Reaction to Fire: | UL1666 Riser, FT4 |
| NEC / UL Compliance: | Article 800, CMR |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

| | D :: N - L - 0.005 D :: D - 05 04 0004 |
|----------------------|--|
| Update and Revision: | Revision Number: 0.325 Revision Date: 05-31-2024 |

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|----------------|-------|------------|-----------|--------------|----------|
| 1175A 0021000 | Red | Reel | 1,000 ft | 612825107859 | С |
| 1175A 0025000 | Red | Reel | 5,000 ft | 612825107873 | С |
| 1175A 0026600 | Red | Reel | 6,600 ft | 612825107880 | С |
| 1175A 00210000 | Red | Reel | 10,000 ft | 612825107866 | С |

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