

For more Information
please call

1-800-Belden1



Description:

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, individually shielded, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 4 | 22 | 7x30 | TC - Tinned Copper |

Insulation

Insulation Material:

| Insulation Material | Dia. (mm) |
|--------------------------|-----------|
| PVC - Polyvinyl Chloride | 1.5748 |

Inner Shield

Inner Shield Material:

| Inner Shield Trade Name | Type | Inner Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 |

Inner Shield Drain Wire AWG:

| AWG |
|-----|
| 22 |

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.0668 |

Outer Jacket Ripcord: Yes

Overall Cabling

Overall Cabling Lay Length & Direction:

| Direction |
|---------------|
| Left-hand Lay |

Overall Nominal Diameter: 9.449 mm

Pair

Pair Color Code Chart:

| Number | Color |
|--------|----------------------------|
| 1 | Black & Red and Numbered 1 |
| 2 | Black & Red and Numbered 2 |
| 3 | Black & Red and Numbered 3 |
| 4 | Black & Red and Numbered 4 |

| | |
|--------------------|--------|
| Communication Wire | Orange |
|--------------------|--------|

Mechanical Characteristics (Overall)

| | |
|--|-----------------|
| Operating Temperature Range: | -30°C To +105°C |
| Bulk Cable Weight: | 107.150 Kg/Km |
| Max. Recommended Pulling Tension: | 489.302 N |
| Min. Bend Radius (Install)/Minor Axis: | 93.980 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|----------------|
| NEC/(UL) Specification: | PLTC, ITC, CMG |
| CEC/C(UL) Specification: | CMG |
| 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): | 04/01/2005 |
| 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: | UL1685 FT4 Loading |
| C(UL) Flame Test: | FT4 |
| IEEE Flame Test: | 1202 |
| ICEA Flame Test: | T-29-520 |

Suitability

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

Plenum/Non-Plenum

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

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

| |
|-------------------|
| Inductance (µH/m) |
| 0.68901 |

Nom. Capacitance Conductor to Shield:

| |
|--------------------|
| Capacitance (pF/m) |
| 147.645 |

Nom. Capacitance Conductor to Conductor:

| |
|--------------------|
| Capacitance (pF/m) |
| 85.306 |

Nom. Conductor DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 49.215 |

9330 Multi-Conductor - 300V Power-Limited Tray Cable

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 249.356 Ohm/km

Max. Operating Voltage - UL:

| Voltage |
|------------------|
| 300 V RMS (PLTC) |
| CMG) |
| 150 V RMS (ITC) |

Max. Recommended Current:

| Current |
|-------------------------------|
| 3.4 Amps per conductor @ 25°C |

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------|-------|--------------------|
| 9330 0601000 | 305 MT | 34.020 KG | CHROME | C | 4 FSPR #22 PVC PVC |
| 9330 060500 | 152 MT | 17.690 KG | CHROME | C | 4 FSPR #22 PVC PVC |
| 9330 0605000 | 1,524 MT | 181.438 KG | CHROME | | 4 FSPR #22 PVC PVC |

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

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