

9333 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information
please call

1-800-Belden1



General 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 |
|---------|-----|-----------|--------------------|
| 11 | 22 | 7x30 | TC - Tinned Copper |

Total Number of Conductors: 22

Insulation

Insulation Material:

| Insulation Material | Dia. (in.) |
|--------------------------|------------|
| PVC - Polyvinyl Chloride | .062 |

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 (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .053 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.530 in.

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 |
| 5 | Black & Red and Numbered 5 |
| 6 | Black & Red and Numbered 6 |
| 7 | Black & Red and Numbered 7 |
| 8 | Black & Red and Numbered 8 |
| 9 | Black & Red and Numbered 9 |
| 10 | Black & Red and Numbered 10 |
| 11 | Black & Red and Numbered 1 |

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

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| | |
|-----------------------------------|------------------|
| Bulk Cable Weight: | 160 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 160 lbs. |
| Min. Bend Radius/Minor Axis: | 5.900 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|----------------------------|
| NEC/UL Specification: | CMG, ITC, PLTC |
| CEC/C(UL) Specification: | CMG |
| AWM Specification: | UL Style 2464 (300 V 80°C) |
| 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): | 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 |

Suitability

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

Plenum/Non-Plenum

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

Surface Printing (Overall)

| | |
|-------------------|---|
| Surface Printing: | LEGEND: BELDEN 9333 E34972 11PR22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG----FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET |
|-------------------|---|

Electrical Characteristics (Overall)

Nom. Inductance:

| |
|--------------------|
| Inductance (µH/ft) |
| .21 |

Nom. Capacitance Conductor to Shield:

| |
|---------------------|
| Capacitance (pF/ft) |
| 45 |

Nom. Capacitance Conductor to Conductor:

| |
|---------------------|
| Capacitance (pF/ft) |
| 26 |

Nom. Conductor DC Resistance:

| |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 15 |

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 76 Ohm/1000 ft

Max. Operating Voltage - UL:

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

Max. Recommended Current:

| |
|-------------------------------|
| Current |
| 2.4 Amps per conductor @ 25°C |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------|-------|--------------------------|
| 9333 | 1 EA | 0.089 LB | | | RSMV 3-RKT 4-3-294/0,6 M |
| 9333 0601000 | 1,000 FT | 176.000 LB | CHROME | C | 11 #22 FS PR PVC PVC |
| 9333 060500 | 500 FT | 89.000 LB | CHROME | C | 11 #22 FS PR PVC PVC |

Notes:

C = CRATE REEL PUT-UP.

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