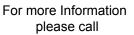
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9344 Multi-Conductor - 600V Tray Cable



1-800-Belden1



General Description:

12 AWG pairs stranded (37x27) tinned copper conductors, twisted pairs, overall Beldfoil® shield (100% coverage), PVC/Nylon insulation, PVC jacket.

| Physical Characteristics (Overall) | | |
|--|------------------|--|
| Physical Characteristics (Overall) Conductor | | |
| AWG: | | |
| # Pairs AWG Stranding Conductor Material | | |
| 1 12 37x27 TC - Tinned Copper | | |
| Total Number of Conductors: | 2 | |
| Insulation Insulation Material: | | |
| Insulation Material | | |
| PVC/Nylon - Polyvinyl Chloride/Nylon | | |
| Outer Shield Outer Shield Material: | | |
| Outer Shield Trade Name Type Outer Shield Material Beldfoil® Tape Aluminum Foil-Polyester Tape | Coverage (%) | |
| Outer Shield Drain Wire AWG: | | |
| AWG Stranding Drain Wire Conductor Material 12 19x25 TC - Tinned Copper | | |
| Outer Jacket Outer Jacket Material: | | |
| Outer Jacket Material Nom. Wall Thickness (in.) | | |
| PVC - Polyvinyl Chloride .045 | | |
| Outer Jacket Ripcord: | Yes | |
| Overall Cable | | |
| Overall Nominal Diameter: | 0.384 in. | |
| Pair Pair Color Code Chart: Number Color 1 Black & Red | | |
| Mechanical Characteristics (Overall) | | |
| Wet Temperature Range: | -30°C To +75°C | |
| Dry Temperature Range: | -30°C To +90°C | |
| Bulk Cable Weight: | 105 lbs/1000 ft. | |
| Max. Recommended Pulling Tension: | 253 lbs. | |
| Min. Bend Radius/Minor Axis: | 3.750 in. | |
| Applicable Specifications and Agency Compliance | (Overall) | |
| Applicable Standards & Environmental Programs | | |
| NEC/(UL) Specification: | NPLF, TC | |
| 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 | |
| | | |

Detailed Specifications & Technical Data





9344 Multi-Conductor - 600V Tray Cable

| EU Directive 2003/11/EC (BFR): | Yes | | | |
|--|-------------------------|--|--|--|
| CA Prop 65 (CJ for Wire & Cable): | Yes | | | |
| MII Order #39 (China RoHS): | Yes | | | |
| Other Specification: | ICEA S-73-532, S-61-402 | | | |
| Flame Test | | | | |
| UL Flame Test: | UL1685 UL Loading | | | |
| CSA Flame Test: | FT4 | | | |
| IEEE Flame Test: | 1202 | | | |
| Suitability | | | | |
| Suitability - Burial: | Yes | | | |
| Sunlight Resistance: | Yes | | | |
| Plenum/Non-Plenum | | | | |
| Plenum (Y/N): | No | | | |
| Electrical Characteristics (Overall) | | | | |
| Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 56 Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/ft) 106 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 1.65 Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) 1.56 Max. Operating Voltage - UL: Voltage 600 V RMS (NEC Type TC) 150 V RMS (NPLF) Max. Recommended Current: Current 30 Amps per conductor @ 25°C | | | | |
| Notes (Overall) | | | | |
| Notes: Alternate color coding available upon request. | | | | |

Notes: Alternate color coo

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|-------|-------|------------------------|
| 9344 0101000 | 1,000 FT | 115.000 LB | BLACK | С | 2 #12 PVC/NYL SHLD PVC |
| 9344 010500 | 500 FT | 56.500 LB | BLACK | С | 2 #12 PVC/NYL SHLD PVC |

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-07-2014

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product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.



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