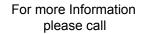
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9104P Coax - CATV Cable



1-800-Belden1



Description:

Series 59, 20 AWG solid .032" bare copper-covered steel conductor, plenum, foam FEP insulation, Duobond® + Aluminum braid(s) shield (67% coverage), Flamarrest® jacket.

| | | • | | · · · · | , | , | 5 <i>//</i> | | | | |
|-----|---|-------|------------|-------------|--------|--------------------------------------|-------------------|--------------|--|--|--|
| - | sical nducto | | racteris | tics (Ov | erall |) | | | | | |
| | WG: | | | | | | | | | | |
| | | | | g Conducto | | | Dia. (in.) | | | | |
| | 1 | 20 | Solid | BCCS - Ba | are Co | pper Covered St | eel .032 | | | | |
| | ulation sulation | | torial | | | | | | | | |
| | | | | Insulation | Materi | al | Dia. (in.) | | | | |
| | Teflon | | | | | prinated Ethylene | • • | | | | |
| | er Shi uter Sl | | Material: | · | | | | | | | |
| | Layer # Outer Shield Trade Name Type Outer Shield M | | | | Туре | Outer Shield M | laterial | Coverage (%) | | | |
| | 1 Bonded Duofoi | | ® | - | | um Foil-Polyester Tape-Aluminum Foil | 100 | | | | |
| | 2 | | | | Braid | AL - Aluminum | | 67 | | | |
| | er Jac | | | | | | | | | | |
| 0 | | | Material: | outon la | | A-4 | | | | | |
| | Flama | | t Trade Na | me Outer Ja | | naterial Smoke Polyvinyl | Chloride | | | | |
| _ | | | | | - | | | | | | |
| Ove | erall C | | | | | | 0.000 in | | | | |
| - | Overa | | ninal Diar | neter: | | | 0.203 in. | | | | |
| lec | hanic | al C | haracte | ristics (| Over | all) | | | | | |
| | Operating Temperature Range: | | | | | | -20°C To +75°C | | | | |
| | Bulk Cable Weight: | | | | | | 20 lbs/1000 ft. | | | | |
| | Max. Recommended Pulling Tension: | | | | | | 100 lbs. | | | | |
| | Min. Bend Radius (Install)/Minor Axis: | | | | | | 2 in. | | | | |
| | licab | le Sr | pecifica | tions an | d Ao | ency Com | pliance (Overall) | | | | |
| | | | | | | ntal Program | | | | | |
| | NEC/(UL) Specification: | | | | | | CATVP, CMP | | | | |
| - | CEC/C(UL) Specification: | | | | | | СМР | | | | |
| | EU CE Mark: | | | | | | No | | | | |
| | EU Directive 2000/53/EC (ELV): | | | | | | Yes | | | | |
| - | EU Dir | ectiv | e 2002/95 | /EC (RoHS | 5): | | Yes | | | | |
| - | EU Ro | HS C | omplianc | e Date (mr | n/dd/ | уууу): | 04/01/2005 | | | | |
| | EU Dir | ectiv | e 2002/96 | EC (WEEI | Ξ): | | Yes | | | | |
| | EU Dir | ectiv | e 2003/11 | /EC (BFR) | : | | Yes | | | | |
| - | | | | | | | | | | | |

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



| | | 9104P Coax - CATV Cat |
|--|---|---|
| CA Prop 65 (CJ for Wire & Cable): | Yes | |
| MII Order #39 (China RoHS): | Yes | |
| Series Type: | Series 59 | |
| Flame Test | | |
| UL Flame Test: | NFPA 262 | |
| C(UL) Flame Test: | FT6 | |
| Plenum/Non-Plenum | | |
| Plenum (Y/N): | Yes | |
| | | |
| electrical Characteristics (Overall) | | |
| Nom. Characteristic Impedance: Impedance (Ohm) 75 | | |
| Nom. Inductance: | | |
| Inductance (µH/ft) .09 | | |
| Nom. Capacitance Conductor to Shield: Capacitance (pF/ft) | | |
| 16.3 | | |
| Nominal Velocity of Propagation: VP (%) 83 | | |
| Nominal Delay: Delay (ns/ft) | | |
| 1.24 | | |
| Nom. Conductor DC Resistance: | | |
| DCR @ 20°C (Ohm/1000 ft) | | |
| 44.5 | | |
| Nominal Outer Shield DC Resistance: | | |
| DCR @ 20°C (Ohm/1000 ft) 12 | | |
| Nom. Attenuation: | | |
| Freq. (MHz) Attenuation (dB/100 ft.) | | |
| 1 .4 | | |
| 10 .8 | | |
| 50 1.8 100 2.6 | | |
| 200 3.8 | | |
| 400 5.6 | | |
| 700 7.6 | | |
| 900 8.8 | | |
| 1000 9.4 | | |
| Max. Operating Voltage - UL: | | |
| | | |
| Voltage 300 V RMS | | |
| lotes (Overall) | | |
| Notes: Sweep tested 5 MHz to 1 GHz. Teflon Belden, Inc. | Is a registered trademark of E. I. duPo | nt de Nemours and Co. used under license by |

Related Documents:

No related documents are available for this product

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|---------|-------|---------------------|
| 9104P 8771000 | 1,000 FT | 24.000 LB | NATURAL | С | #20 FFEP RG-59/U FL |

Notes:

C = CRATE REEL PUT-UP.

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

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