

RG8/U Coaxial Cable Flexible Design

Description:

- ASTM Bare copper conductor
- Foam PE insulation
- Bonded Bifoil + Copper Braid
- Polyurethane jacket
- Standard spool size 1000 feet

Rating as per NEC:

- No NEC Rating

Applications:

- 50 ohm systems

Jacket Color: Black



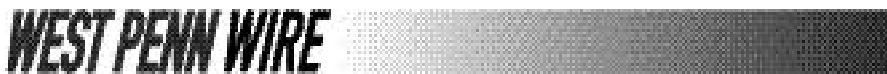
| Construction | |
|------------------------------|--|
| Conductors | 1 |
| AWG Size | 10 |
| Stranding | 19x23 |
| Insulation with Tape Barrier | Gas Injected PE |
| Insulation Nom. O.D. | .285 inch (7.24 mm) |
| Shield Type and % Coverage | Bonded Bifoil 100% Copper Braid 90% |
| Jacket Type | Polyurethane Jacket |
| Nom. O.D. | .405 inch (10.29 mm) |

| Coaxial Cable Loss Factors | | |
|-----------------------------------|-----------|----------|
| Nominal Attenuation | | |
| Mhz | db/100 ft | db/100 m |
| 1 | .2 | .7 |
| 10 | .6 | 2.0 |
| 50 | 1.1 | 3.6 |
| 100 | 1.5 | 4.9 |
| 400 | 2.9 | 9.5 |
| 1000 | 4.8 | 15.7 |

| Electrical Characteristics | |
|--|------------------------|
| (Calculated Quantities) | |
| Nominal Capacitance Conductor to Shield | 24.5 pf per foot |
| | 82 pf per meter |
| Vel. of Prop. | 80.4% |
| Nom. Imp. | 50 Ω |
| Nom. D.C.R. (Resistance) @ 20° C | 1.15Ω per 1000 feet |

CAUTION: Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation. When installing and handling this product in temperatures of 32° F or less, we recommend conditioning the cable at least 24 hours at room temperature to insure best results.

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