

Twinaxial cable RG_22_B/U

Description

RG: RG type RF cables

RG22 twinax, 95 Ohm, 1 GHz, 85°C, ø10.8 mm, PVC jacket



Technical Data

Construction

| | Material | Detail | Diameter |
|----------------------------------|------------------------|---------------|------------------|
| 1 st Centre conductor | Copper | Strand-07 | 1.2 mm |
| 1 st Dielectric | PE (Polyethylene) | | 2.25 mm |
| 2 nd Centre conductor | Copper, Tin plated | Strand-07 | 1.2 mm |
| 2 nd Dielectric | PE (Polyethylene) | | 2.25 mm |
| Dielectric | PE (Polyethylene) | | typ. 7.25 |
| Outer conductor | Copper, Tin plated | Braid, 94% | 8 mm |
| Outer Conductor | Copper, Tin plated | Braid, 95 % | 8.7 mm |
| Jacket | PVC II (low migration) | RAL 9005 - bk | 10.8 mm +/- 0.15 |

Print: HUBER+SUHNER RG 22 B/U 95 Ohm (production order number)

Electrical Data

| | |
|--------------------------------|------------------------------------|
| Impedance | 95 Ω +/- 5 |
| Max. operating frequency | 1 GHz |
| Capacitance | 53 pF/m |
| Velocity of signal propagation | 66 % |
| Signal delay | 5 ns/m |
| Insulation resistance | ≥ 1 x 10 ⁸ MΩm |
| Max. operating voltage | 1 kV _{rms} (at sea level) |
| Test voltage | 2 kV _{rms} (50 Hz/1 min) |

Mechanical Data

| | | |
|---------------------|----------------------------------|---------------|
| Weight | | 17.6 kg/100 m |
| Min. bending radius | static | 55 mm |
| | repeating (for max. 50 bendings) | 110 mm |
| | dynamic | 220 mm |

Environmental Data

| | |
|--|------------------|
| Temperature range | -25 °C to +85 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |

Additional Information

MIL reference: M17/182-00001 (former reference: M17/15-RG022)

Ordering Information

Order as RG_22_B/U

Remarks

(For details refer to the HUBER+SUHNER RF CABLES GENERAL CATALOGUE or contact your nearest HUBER+SUHNER partner)

Twinaxial cable RG_22_B/U

Suitable Connectors

Cable group

U99 Customer Specific

Mouser Electronics

Authorized Distributor

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