

Flexible low noise cable G_02330_HT

Description

G: RF cables with PE dielectrics

Low-noise triax, 50 Ohm, 1 GHz, 85°C, ø5.3 mm, PVC jacket



Technical Data

Construction

| | Material | Detail | Diameter |
|------------------------|--------------------------|---------------|-----------------|
| Centre conductor | Copper, Tin plated | Wire | 0.5 mm |
| Dielectric | PE (Polyethylene) | | 1.5 mm |
| Semi conductor | PVC (Polyvinyl chloride) | | 1.9 mm |
| Outer conductor | Copper | Braid, 92 % | 2.4 mm |
| Jacket | PE (Polyethylene) | | 3.2 mm +/- 0.15 |
| 2 nd Screen | Copper | Braid, 92 % | 3.85 mm |
| Outer Jacket | PVC (Polyvinyl chloride) | RAL 7011 - gr | 5.3 mm +/- 0.2 |

Print: HUBER+SUHNER G 02330 HT 50 Ohm (production order number)

Electrical Data

| | |
|--------------------------|--------------------------------------|
| Impedance | 50 Ω |
| Max. operating Frequency | 1 GHz |
| Capacitance | 115 pF/m |
| Insulation resistance | ≥ 1 x 10 ⁶ MΩm |
| Max. operating voltage | 1.5 kV _{rms} (at sea level) |
| Test voltage | 3 kV _{rms} (50 Hz/1 min) |
| Max. noise level | 10 mV |

Mechanical Data

| | |
|----------------|--|
| Weight | 4.5 kg/100 m |
| Bending Radius | static 30 mm |
| | repeated (for max. 50 bendings) 60 mm |

Environmental Data

| | |
|--|------------------|
| Temperature range | -25 °C... +85 °C |
| Installation temperature | -20 °C... +60 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |

Additional Information

Ordering Information

Order as G_02330_HT

Remarks

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

Cable group X5 2 mm / 50 Ohm