Data Sheet



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 10⁶ 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

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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