

Flexible low noise cable G_01130_HT

Description

G: RF cables with PE dielectrics

Low-noise coax, 50 Ohm, 1 GHz, 85°C, ø3.15 mm, PVC jacket



Technical Data

Construction

| | Material | Detail | Diameter |
|------------------|--------------------------|---------------|-----------------|
| Centre conductor | Copper | Wire | 0.4 mm |
| Dielectric | PE (Polyethylene) | | 1.4 mm |
| Semi conductor | PVC (Polyvinyl chloride) | | 1.9 mm |
| Outer conductor | Copper | Braid, 91 % | 2.4 mm |
| Jacket | PVC (Polyvinyl chloride) | RAL 9005 - bk | 3.15 mm +/- 0.1 |

Print: HUBER+SUHNER G 01130 HT 50 Ohm (production order number)

Electrical Data

| | |
|--------------------------------|--------------------------------------|
| Impedance | 50 Ω |
| Max. operating Frequency | 1 GHz |
| Capacitance | 101 pF/m |
| Velocity of signal propagation | 66 % |
| Signal delay | 5 ns/m |
| Insulation resistance | ≥ 1 x 10 ⁸ 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 | 1.6 kg/100 m |
| Bending Radius | static 16 mm |
| | repeated (for max. 50 bendings) 32 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_01130_HT |
|----------|------------|

Remarks

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

| | |
|-------------|------------------|
| Cable group | U3 2 mm / 50 Ohm |
|-------------|------------------|

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