

Flexible low noise cable G_03330_HT-11

Description

G: RF cables with PE dielectrics

Low-noise triax, 75 Ohm, 1 GHz, 85°C, ø6.9 mm, PVC jacket



Technical Data

Construction

| | Material | Detail | Diameter |
|------------------------|--------------------------|---------------|----------------|
| Centre conductor | Copper | Wire | 0.5 mm |
| Dielectric | PE (Polyethylene) | | 3 mm |
| Semi conductor | PVC (Polyvinyl chloride) | | 3.4 mm |
| Outer conductor | Copper | Braid, 93 % | 4 mm |
| Jacket | PVC (Polyvinyl chloride) | RAL 9005 - bk | 5 mm +/- |
| 2 nd Screen | Copper | Braid, 92 % | 5.75 mm |
| Outer Jacket | PVC (Polyvinyl chloride) | RAL 9005 - bk | 6.9 mm +/- 0.2 |

Electrical Data

| | |
|--------------------------|--------------------------------------|
| Impedance | 75 Ω |
| Max. operating Frequency | 1 GHz |
| Capacitance | 71 pF/m |
| Insulation resistance | ≥ 1 x 10 ⁶ MQm |
| Max. operating voltage | 2.5 kV _{rms} (at sea level) |
| Test voltage | 5 kV _{rms} (50 Hz/1 min) |
| Max. noise level | 20 mV |

Mechanical Data

| | |
|----------------|--|
| Weight | 8.1 kg/100 m |
| Bending Radius | static 40 mm |
| | repeated (for max. 50 bendings) 70 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_03330_HT-11 |
|----------|---------------|

Remarks

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

| | |
|-------------|-----------------------|
| Cable group | U99 Customer Specific |
|-------------|-----------------------|

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