Data Sheet

HUBER+SUHNER

Flexible low noise cable G_04233_HT-01

Description

G: RF cables with PE dielectrics

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



Technical Data

Construction Material Detail Diameter Steel, Copper plated Wire Centre conductor 0.58 mm PE (Polyethylene) Dielectric 3.64 mm Semi conductor PVC (Polyvinyl chloride) 4.2 mm Outer conductor Copper Braid, 92 % 5 mm Jacket PVC (Polyvinyl chloride) RAL 9005 - bk 6.1 mm +/- 0.2

Print: HUBER+SUHNER G 04233 HT-01 75 Ohm (production order number)

Electrical Data

Impedance
Max. operating Frequency
Capacitance
Insulation resistance
Max. operating voltage
Test voltage
Max. noise level

Mechanical Data

Bending Radius

Weight

static
repeated (for max. 50 bendings)

5.4 kg/100 m 35 mm 70 mm

75 Ω 1 GHz

69.1 pF/m ≥ 1 x 10⁶ MΩm 3 kV_{rms} (at sea level) 6 kV_{rms} (50 Hz/1 min)

50 mV

Environmental Data

Temperature range Installation temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

Additional Information

Ordering Information

Order as

G_04233_HT-01

-25 °C... +85 °C -20 °C... +60 °C

compliant

Remarks

(For details refer to the HUBER+SUHNER RF CABLES GENERAL CATALOGUE or contact your nearest HUBER+SUHNER partner) Cable group U18 4 mm / 75 Ohm

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

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