### **Data Sheet**



# Flexible low noise cable G\_01130\_HT-01

#### **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 7035 - gr	3.15 mm +/- 0.1

Print: HUBER+SUHNER G 01130 HT-01 50 Ohm (production order number)

#### **Electrical Data**

Impedance
Max. operating Frequency
Capacitance

Velocity of signal propagation

Signal delay
Insulation resistance
Max. operating voltage

Test voltage
Max. noise level

Mechanical Data

Bending Radius

Weight

static

repeated (for max. 50 bendings)

1.6 kg/100 m 20 mm

35 mm

50 Ω

66 % 5 ns/m

10 mV

 $\geq 1 \times 10^8 \text{ M}\Omega\text{m}$ 

1.5 kV<sub>rms</sub> (at sea level) 3 kV<sub>rms</sub> (50 Hz/1 min)

1 GHz 101 pF/m

**Environmental Data** 

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

#### **Additional Information**

#### **Ordering Information**

Order as G\_01130\_HT-01

#### 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

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

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