# **Data Sheet**

# HUBER+SUHNER

# Flexible low noise cable G\_03130\_HT-01

## Description

G: RF cables with PE dielectrics

```
Low-noise coax, 75 Ohm, 1 GHz, 85°C, ø5 mm, PVC jacket
```



# **Technical Data**

### Construction

	Material	Detail	Diameter
Centre conductor	Copper	Strand-07	0.489 mm
Dielectric	PE (Polyethylene)		2.95 mm
Semi conductor	PVC (Polyvinyl chloride)		3.4 mm
Outer conductor	Copper	Braid, 91 %	4 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	5 mm +/- 0.15

Print: HUBER+SUHNER G 03130 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)

3.6 kg/100 m 10 mm 20 mm

75 Ω 1 GHz

70.7 pF/m ≥ 1 x 10<sup>8</sup> MΩm 2.5 kV<sub>rms</sub> (at sea level) 5 kV<sub>rms</sub> (50 Hz/1 min)

100 mV

#### **Environmental Data**

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

### **Additional Information**

#### **Ordering Information**

Order as

G\_03130\_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 U13 3 mm / 75 Ohm

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

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.