# **Data Sheet**



# Flexible low noise cable G\_01130\_HT-03

# **Description**

G: RF cables with PE dielectrics

Low-noise coax, 50 Ohm, 1 GHz, 85°C, ø2.8 mm, PVC jacket



50 Ω

1 GHz

# **Technical Data**

#### Construction

	Material	Detail	Diameter
Centre conductor	Copper	Strand-07	0.45 mm
Dielectric	PE (Polyethylene)		1.4 mm
Semi conductor	PVC (Polyvinyl chloride)		1.9 mm
Outer conductor	Copper	Braid, 91 %	2.3 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	2.8 mm +/- 0.1

Print: (no print)

#### **Electrical Data**

Impedance
Max. operating Frequency
Capacitance

Capacitance 101 pF/m Velocity of signal propagation 66 % Insulation resistance  $21 \times 10^8 \, \text{M}\Omega\text{m}$ 

Max. operating voltage

Test voltage

3 kV<sub>rms</sub> (50 Hz/1 min)

Max. noise level

10 mV

**Mechanical Data** 

 Weight
 1.3 kg/100 m

 Bending Radius
 static
 14 mm

 repeated (for max. 50 bendings)
 28 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-03

#### 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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