

## 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



### 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	50 Ω
Max. operating Frequency	1 GHz
Capacitance	101 pF/m
Velocity of signal propagation	66 %
Insulation resistance	≥ 1 x 10 <sup>8</sup> MQm
Max. operating voltage	1.5 kV <sub>rms</sub> (at sea level)
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