

## 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	75 Ω
Max. operating Frequency	1 GHz
Capacitance	70.7 pF/m
Insulation resistance	≥ 1 x 10 <sup>8</sup> MΩm
Max. operating voltage	2.5 kV <sub>rms</sub> (at sea level)
Test voltage	5 kV <sub>rms</sub> (50 Hz/1 min)
Max. noise level	100 mV

#### Mechanical Data

Weight		3.6 kg/100 m
Bending Radius	static	10 mm
	repeated (for max. 50 bendings)	20 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\_03130\_HT-01

#### 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