

## Flexible low noise cable G\_02330\_HT

### Description

G: RF cables with PE dielectrics

Low-noise triax, 50 Ohm, 1 GHz, 85°C, ø5.3 mm, PVC jacket



### Technical Data

#### Construction

	Material	Detail	Diameter
Centre conductor	Copper, Tin plated	Wire	0.5 mm
Dielectric	PE (Polyethylene)		1.5 mm
Semi conductor	PVC (Polyvinyl chloride)		1.9 mm
Outer conductor	Copper	Braid, 92 %	2.4 mm
Jacket	PE (Polyethylene)		3.2 mm +/- 0.15
2 <sup>nd</sup> Screen	Copper	Braid, 92 %	3.85 mm
Outer Jacket	PVC (Polyvinyl chloride)	RAL 7011 - gr	5.3 mm +/- 0.2

Print: HUBER+SUHNER G 02330 HT 50 Ohm (production order number)

#### Electrical Data

Impedance	50 Ω
Max. operating Frequency	1 GHz
Capacitance	115 pF/m
Insulation resistance	≥ 1 x 10 <sup>6</sup> MΩm
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	4.5 kg/100 m
Bending Radius	static 30 mm
	repeated (for max. 50 bendings) 60 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\_02330\_HT

#### Remarks

(For details refer to the HUBER+SUHNER RF CABLES GENERAL CATALOGUE or contact your nearest HUBER+SUHNER partner)

**Cable group** X5 2 mm / 50 Ohm