

## Flexible low noise cable G\_04233\_HT-01

### Description

G: RF cables with PE dielectrics

Low-noise coax, 75 Ohm, 1 GHz, 85°C, ø6.1 mm, PVC jacket



### Technical Data

#### Construction

	Material	Detail	Diameter
Centre conductor	Steel, Copper plated	Wire	0.58 mm
Dielectric	PE (Polyethylene)		3.64 mm
Semi conductor	PVC (Polyvinyl chloride)		4.2 mm
Outer conductor	Copper	Braid, 92 %	5 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	6.1 mm +/- 0.2

Print: HUBER+SUHNER G 04233 HT-01 75 Ohm (production order number)

#### Electrical Data

Impedance	75 Ω
Max. operating Frequency	1 GHz
Capacitance	69.1 pF/m
Insulation resistance	$\geq 1 \times 10^6$ MΩm
Max. operating voltage	3 kV <sub>rms</sub> (at sea level)
Test voltage	6 kV <sub>rms</sub> (50 Hz/1 min)
Max. noise level	50 mV

#### Mechanical Data

Weight	5.4 kg/100 m
Bending Radius	static 35 mm
	repeated (for max. 50 bendings) 70 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_04233_HT-01
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#### Remarks

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

Cable group	U18 4 mm / 75 Ohm
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# Mouser Electronics

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