

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 _{rms} (at sea level)
Test voltage	6 kV _{rms} (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

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