

Flexible low noise cable G_03160_HG

Description

G: RF cables with PE dielectrics

Low-noise coax, 75 Ohm, 1 GHz, 85°C, ø5 mm, LSFH jacket



Technical Data

Construction

	Material	Detail	Diameter
Centre conductor	Copper	Wire	0.5 mm
Dielectric	PE (Polyethylene)		3 mm
Semi conductor	PE (Polyethylene)		3.4 mm
Outer conductor	Copper	Braid, 91 %	4 mm
Jacket	LSFH (modified polyethylene)	RAL 9005 - bk	5 mm +/- 0.1

Print: HUBER+SUHNER G 03160 HG 75 Ohm (production order number)

Electrical Data

Impedance	75 Ω
Max. operating Frequency	1 GHz
Capacitance	70 pF/m
Velocity of signal propagation	66 %
Signal delay	5 ns/m
Insulation resistance	≥ 1 x 10 ⁸ MΩm
Max. operating voltage	2.5 kV _{rms} (at sea level)
Test voltage	5 kV _{rms} (50 Hz/1 min)
Max. noise level	20 mV

Mechanical Data

Weight	3.6 kg/100 m
Bending Radius	static 25 mm
	repeated (for max. 50 50 bendings) 50 mm

Environmental Data

Temperature range	-40 °C... +85 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

Additional Information

Ordering Information

Order as	G_03160_HG
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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	U13 3 mm / 75 Ohm
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