Data Sheet



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
Max. operating Frequency
Capacitance

Velocity of signal propagation

Signal delay
Insulation resistance
Max. operating voltage

Test voltage Max. noise level 75 Ω 1 GHz 70 pF/m 66 % 5 ns/m

 \geq 1 x 10⁸ M Ω m 2.5 kV_{rms} (at sea level) 5 kV_{rms} (50 Hz/1 min)

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

Additional Information

Ordering Information

Order as G_03160_HG

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

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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