Data Sheet



Flexible low noise cable G_03130_HT-01

Description

G: RF cables with PE dielectrics

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



Technical Data

Construction

	Material	Detail	Diameter
Centre conductor	Copper	Strand-07	0.489 mm
Dielectric	PE (Polyethylene)		2.95 mm
Semi conductor	PVC (Polyvinyl chloride)		3.4 mm
Outer conductor	Copper	Braid, 91 %	4 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	5 mm +/- 0.15

Print: HUBER+SUHNER G 03130 HT-01 75 Ohm (production order number)

Electrical Data

Impedance
Max. operating Frequency
Capacitance
Insulation resistance

Max. operating voltage
Test voltage

Max. noise level

75 Ω
1 GHz
70.7 pF/m
≥ 1 x 10⁸ MΩm
2.5 kV_{rms} (at sea level)
5 kV_{rms} (50 Hz/1 min)
100 mV

Mechanical Data

Weight Bending Radius

static repeated (for max. 50 bendings)

3.6 kg/100 m 10 mm 20 mm

Environmental Data

Temperature range Installation temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -25 °C... +85 °C -20 °C... +60 °C compliant

Additional Information

Ordering Information

Order as G_03130_HT-01

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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