Data Sheet



Flexible low noise cable G_01130_HT-03

Description

G: RF cables with PE dielectrics

Low-noise coax, 50 Ohm, 1 GHz, 85°C, ø2.8 mm, PVC jacket



50 Ω

66 %

1 GHz 101 pF/m

Technical Data

Construction

	Material	Detail	Diameter
Centre conductor	Copper	Strand-07	0.45 mm
Dielectric	PE (Polyethylene)		1.4 mm
Semi conductor	PVC (Polyvinyl chloride)		1.9 mm
Outer conductor	Copper	Braid, 91 %	2.3 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	2.8 mm +/- 0.1

Print: (no print)

Electrical Data

Impedance
Max. operating Frequency
Capacitance

Velocity of signal propagation Insulation resistance

Max. operating voltage Test voltage Max. noise level ≥ 1 x 10⁸ MΩm 1.5 kV_{rms} (at sea level) 3 kV_{rms} (50 Hz/1 min) 10 mV

Mechanical Data

 Weight
 1.3 kg/100 m

 Bending Radius
 static
 14 mm

 repeated (for max. 50 bendings)
 28 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_01130_HT-03

Remarks

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

Cable group U3 2 mm / 50 Ohm

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

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