Data Sheet

HUBER+SUHNER

Flexible low noise cable G_01130_HT

Description

G: RF cables with PE dielectrics

Low-noise coax, 50 Ohm, 1 GHz, 85°C, ø3.15 mm, PVC jacket



Technical Data

Construction

	Material	Detail	Diameter
Centre conductor	Copper	Wire	0.4 mm
Dielectric	PE (Polyethylene)		1.4 mm
Semi conductor	PVC (Polyvinyl chloride)		1.9 mm
Outer conductor	Copper	Braid, 91 %	2.4 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	3.15 mm +/- 0.1

Print: HUBER+SUHNER G 01130 HT 50 Ohm (production order number)

Electrical Data

Impedance		50 Ω
Max. operating Frequency		1 GHz
Capacitance		101 pF/m
Velocity of signal propagation		66 %
Signal delay		5 ns/m
Insulation resistance		≥ 1 x 10 ⁸ MΩm
Max. operating voltage		1.5 kV _{rms} (at sea level)
Test voltage		3 kV _{rms} (50 Hz/1 min)
Max. noise level		10 mV
Mechanical Data		
Weight		1.6 kg/100 m
Bending Radius	static	16 mm
	repeated (for max. 50 bendings)	32 mm
Environmental Data		
Temperature range	-25 °C +85 °C	
Installation temperature	-20 °C +60 °C	
2011/65/EU (RoHS - including	compliant	
2015/863 and 2017/2102)		
Additional Information		

Ordering Information

Order as

G_01130_HT

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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