Data Sheet



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 Max. operating Frequency Capacitance

Velocity of signal propagation

Signal delay Insulation resistance

Max. operating voltage Test voltage Max. noise level

Mechanical Data

Weight Bending Radius

static repeated (for max. 50 bendings)

Environmental Data Temperature range

Installation temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

50 Ω 1 GHz 101 pF/m 66 % 5 ns/m

 $\geq 1 \times 10^8 \text{ M}\Omega\text{m}$ 1.5 kV_{rms} (at sea level) 3 kV_{rms} (50 Hz/1 min)

10 mV

1.6 kg/100 m 16 mm 32 mm

-20 °C... +60 °C compliant

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)

-25 °C... +85 °C

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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G_01130_HT