

Flexible low noise cable G_02330_HT

Description

G: RF cables with PE dielectrics

Low-noise triax, 50 Ohm, 1 GHz, 85°C, ø5.3 mm, PVC jacket



Technical Data

Construction

	Material	Detail	Diameter
Centre conductor	Copper, Tin plated	Wire	0.5 mm
Dielectric	PE (Polyethylene)		1.5 mm
Semi conductor	PVC (Polyvinyl chloride)		1.9 mm
Outer conductor	Copper	Braid, 92 %	2.4 mm
Jacket	PE (Polyethylene)		3.2 mm +/- 0.15
2 nd Screen	Copper	Braid, 92 %	3.85 mm
Outer Jacket	PVC (Polyvinyl chloride)	RAL 7011 - gr	5.3 mm +/- 0.2

Print: HUBER+SUHNER G 02330 HT 50 Ohm (production order number)

Electrical Data

Impedance	50 Ω
Max. operating Frequency	1 GHz
Capacitance	115 pF/m
Insulation resistance	≥ 1 x 10 ⁶ 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	4.5 kg/100 m
Bending Radius	static 30 mm
	repeated (for max. 50 bendings) 60 mm

Environmental Data

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

Additional Information

Ordering Information

Order as G_02330_HT

Remarks

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

Cable group X5 2 mm / 50 Ohm