

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

G_01130_HT-03

Properties

- Alternative to standard RG cables
- Low noise
- Coax construction



Construction			
Component	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		2.3 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	2.8 mm +/- 0.1 mm

Electrical data	
Impedance	50 Ω
Operating frequency	≤ 1 GHz
Capacitance	101 pF/m
Velocity of signal propagation	66 %
Insulation resistance	100000000 MΩ*m
Operating Voltage (at sea level)	≤ 1.5 kVrms
Test voltage (50 Hz/1 min)	≤ 3 kVrms
Noise level	≤ 10 mV

Mechanical data	
Weight	approx. 13 g/m
Static bending radius	≥ 14 mm
Repeated bending radius	28 mm

Environmental data	
Operation temperature	-25 °C ... 85 °C
Installation temperature	-20 °C ... 60 °C
Fire characteristics	contains halogene

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Suitable connectors		
Cable group		U3
Ordering information		
Item number	Item description	Available as assembly only
22510088	G_01130_HT-03	No

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