

Low-noise coax, 75 Ohm, 1 GHz, 85°C, ø5 mm, PVC jacket

G_03130_HT-01

Properties

- Alternative to standard RG cables
- Low noise
- Coax construction
- 75 Ohm characteristic Impedance



Construction			
Component	Material	Detail	Diameter
Centre conductor	Copper	Strand-07	0.489 mm
Dielectric	PE (Polyethylene)		2.95 mm
Semi-conductor	PVC (Polyvinyl chloride)		3.4 mm
Outer conductor	Copper	Braid, 91%	4 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	5 mm +/- 0.15 mm

Electrical data	
Impedance	75 Ω
Operating frequency	≤ 1 GHz
Capacitance	70.7 pF/m
Insulation resistance	100000000 MΩ*m
Operating Voltage (at sea level)	≤ 2.5 kVrms
Test voltage (50 Hz/1 min)	≤ 5 kVrms
Noise level	≤ 100 mV

Mechanical data	
Weight	approx. 36 g/m
Static bending radius	≥ 10 mm
Repeated bending radius	20 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		U13
Ordering information		
Item number	Item description	Available as assembly only
22510120	G_03130_HT-01	No

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