

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

G_02330_HT

Properties

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



Construction			
Component	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
1st screen	Copper	Braid, 92%	2.4 mm
Insulation	PE (Polyethylene)		3.2 mm +/- 0.15 mm
2nd screen	Copper	Braid, 92%	3.85 mm
Jacket	PVC (Polyvinyl chloride)	RAL 7011 - gr	5.3 mm +/- 0.2 mm

Electrical data	
Impedance	50 Ω
Operating frequency	≤ 1 GHz
Capacitance	115 pF/m
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. 45 g/m
Static bending radius	≥ 30 mm
Repeated bending radius	60 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 X5

Ordering information

Item number	Item description	Available as assembly only
22510116	G_02330_HT	No

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