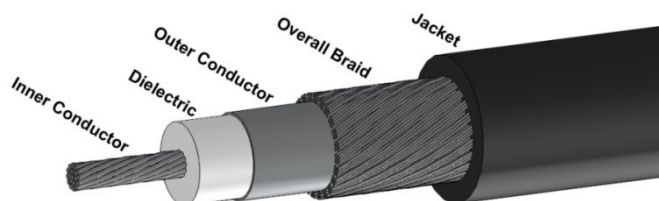


## Coaxial Cable LL100

**LL100 coaxial cable** is low loss communication coax cable presents good results for frequency range up to 5 GHz. Sheath of cable is made from PE material. The cable is suitable for a lot of applications, e.g. GPS, WLAN, WISP (wireless Internet service provider), Mobile Antennas at al.



### Construction specification

Item	Material	Description	Value	Units
Inner Conductor	Silver-Coated Copper	Construction	1 x 0.46	mm
		Diameter	0.46	mm
Insulation	Solid Polyethylene	Diameter	1.52±0.05	mm
Outer Conductor	AL foil	Diameter	1.65	mm
Overall Braid	Tinned Copper wire	Construction	-	mm
		Diameter	2.11±0.10	mm
		Coverage	90	%
Jacket	Polyethylene	Diameter	2.79±0.13	mm

### Electrical specification

Conductor Resistance	Max. 140 Ω/km/20°C
Insulation Resistance	Min. 1103 MΩ/km
Nominal Capacitance	101.1 pF/m
Dielectric Strength	AC 500 V/min
Nom. Impedance	50±3 Ω
VSW (0-6 GHz)	≤ 1.60
Nom. Vel. Of Prop.	66 %
Bend Radius	Min. 6.4 mm

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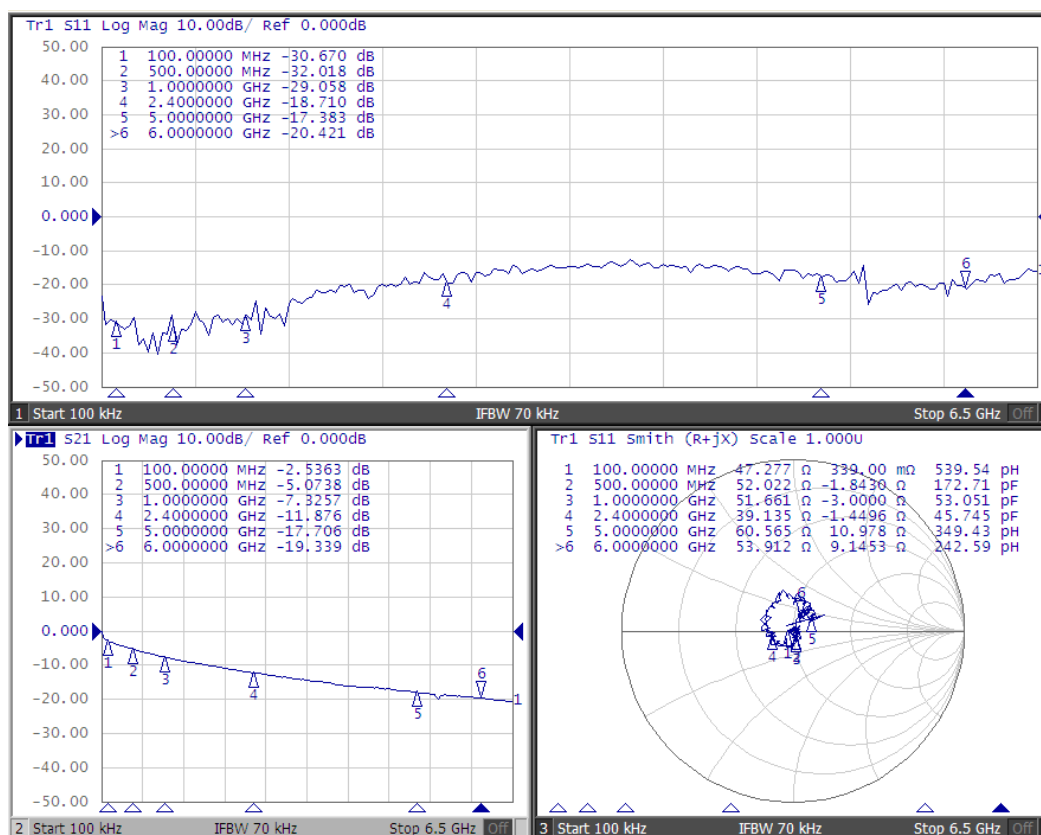
## Mechanical specification

Operating temperature -40°C to +85°C

Colour Black

## Attenuation of cable

Frequency (MHz)	Attenuation (dB/10 m)
100	2.5
500	5.1
1000	7.3
2400	11.9
5000	17.7
6000	19.4



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