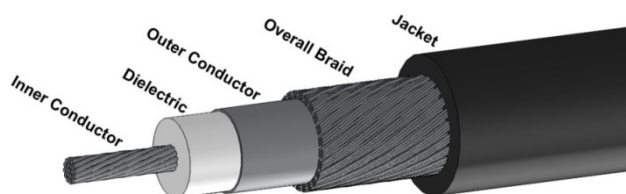


Coaxial Cable LL195

LL195 coaxial cable is high quality cable presents good results for frequency range up to 5 GHz. Sheath of cable is made from PE material. The cable is suitable for most applications, e.g. GPS, WLAN, WISP (wireless Internet service provider), and Mobile Antennas at al.



Construction specification

| Item | Material | Description | Value | Units |
|-----------------|-----------------------------|--------------|----------------|-------|
| Inner Conductor | Bare Copper | Construction | 7 x 0.32±0.003 | mm |
| | | Diameter | 0.94 | mm |
| Insulation | Polyethylene | Diameter | 2.79±0.10 | mm |
| Outer Conductor | Aluminium foil | Diameter | 2.95 | mm |
| Overall Braid | Tinned annealed Copper wire | Construction | 16/ 7/ 0.12 | mm |
| | | Diameter | 3.53 | mm |
| | | Coverage | 90 | % |
| Jacket | Polyethylene | Diameter | 4.95±0.15 | mm |

Electrical specification

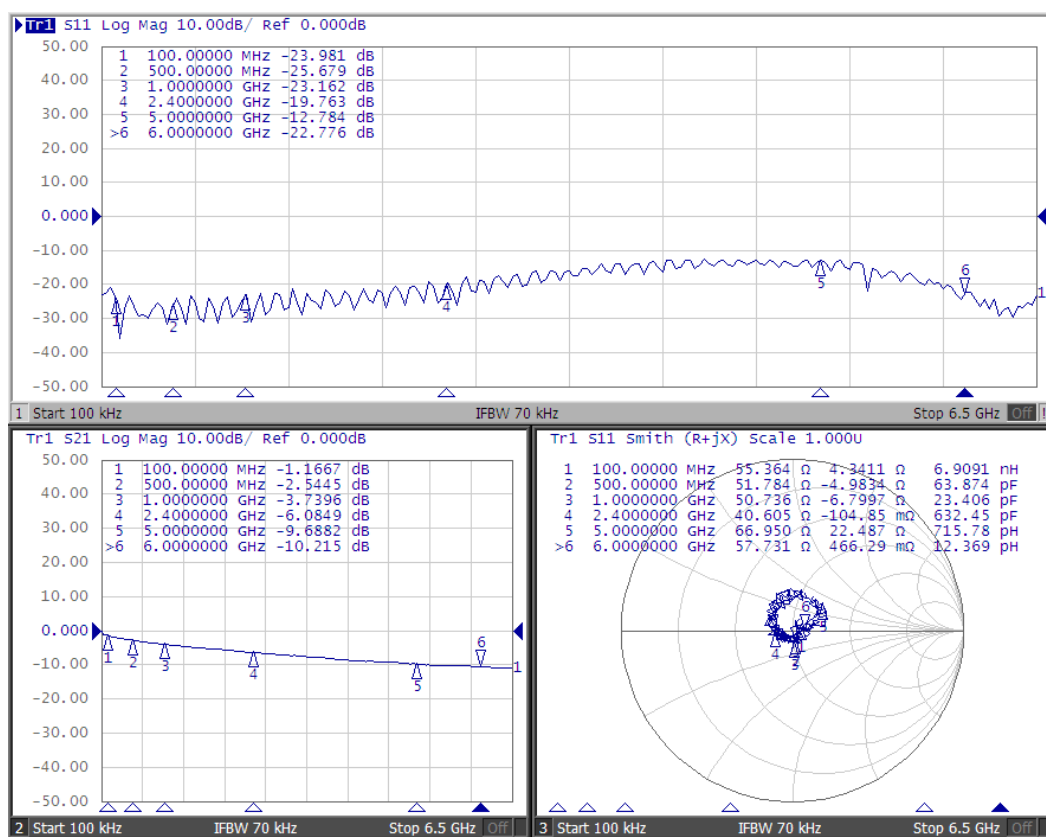
| | |
|-----------------------|---------------------|
| Conductor Resistance | Max. 24.9 Ω/km/20°C |
| Insulation Resistance | Min. 1140 MΩ/km |
| Nominal Capacitance | 79.7 pF/m |
| Dielectric Strength | AC 1000 V/min |
| Nom. Impedance | 50±3 Ω |
| VSWR (0-6 GHz) | ≤ 1.59 |
| Nom. Vel. Of Prop. | 80 % |
| Bend Radius | Min. 12.7mm |

Mechanical specification

| | |
|-----------------------|---------------------|
| Operating temperature | -40°C to +85°C |
| Colour | According to Custom |

Attenuation of cable

| Frequency (MHz) | Attenuation (dB/10 m) |
|-----------------|-----------------------|
| 100 | 1.2 |
| 500 | 2.5 |
| 1000 | 3.7 |
| 2400 | 6.1 |
| 5000 | 9.7 |
| 6000 | 10.2 |



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