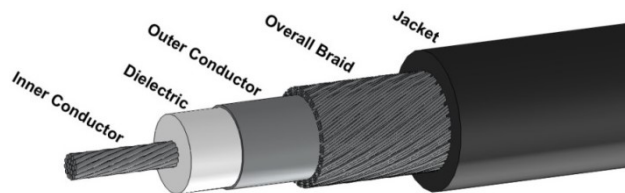


Coaxial Cable LMR195

LMR195 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 Black

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

