

RG Type Low Loss Coaxial Cables

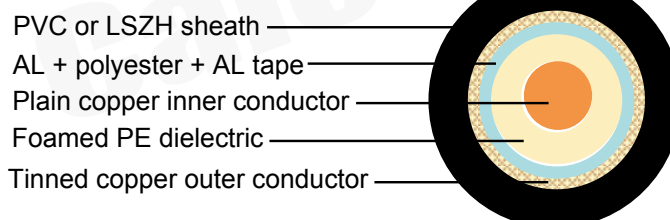
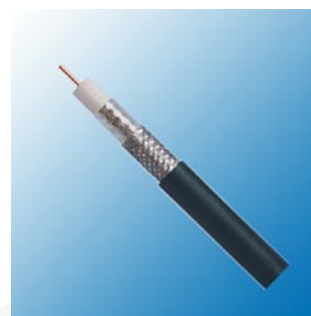
RG 195 LL

Construction

Inner conductor	Plain copper	0.95 mm
Dielectric	Foam PE	$\Phi 2.80 \pm 0.10$ mm
Outer conductor (shield 1)	Aluminium + polyester + Aluminium tape	
Shield coverage		100%
Outer conductor (shield 2)	Tinned copper	96 x 0.12 mm
Shield coverage		85%
Sheath	PVC or LSZH	$\Phi 5.00 \pm 0.10$ mm

Electrical & Mechanical Characteristics

Impedance	50 \pm 3 Ohm
Nominal capacitance	80 pF/m
Velocity of propagation	80%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	25.2 Ohm/Km
Outer conductor resistance	18.5 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	16.6 Kg/Km
Cable weight (approx.)	36.6 Kg/Km
Screening effectiveness	>80 dB



Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	8.5	2.59
100	11.3	3.45
400	22.9	6.98
600	28.7	8.75
860	34.5	10.52
1000	37.5	11.43
1750	52.2	15.91
2400	64.0	19.51

Return Loss

30-300 MHz	>28dB
300-600 MHz	>24dB
600-900 MHz	>19dB