

50 Ohm RF Coaxial Cables

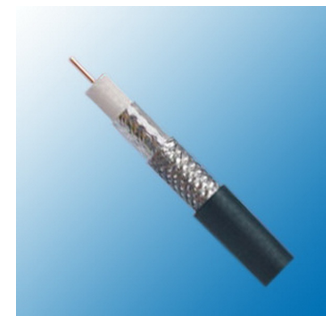
ACCL (ALMR) 195

Construction

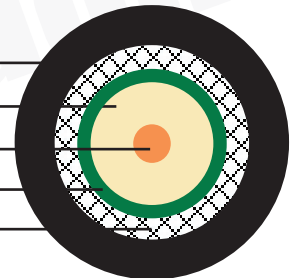
Inner conductor	Solid copper	Φ0.94mm
Dielectric	Foam /Solid PE	Φ2.79 mm
Shield	Bonded aluminium foil	Φ2.95 mm
Outer conductor	Tinned copper braid	Φ3.53 mm
Sheath	PVC/PE	Φ4.95 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	79.7 pF/m
Velocity of propagation	80%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	24.94 Ohm/Km
Outer conductor resistance	16.08 Ohm/Km
Operating temperature range	-40°C - +85 °C
Min.bending radius	25 mm



PVC/PE sheath
Foamed/solid PE dielectric
Solid copper inner conductor
Bonded aluminium foil
Tinned copper braid outer conductor



Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
30	6.5	2.0
50	8.4	2.6
150	14.6	4.5
220	17.7	5.4
450	25.5	7.8
900	36.5	11.1
1500	47.7	14.5
1800	52.5	16.0
2000	55.4	16.9
2500	62.4	19.0
3000	67.5	20.6
5800	93.0	28.3