

50 Ohm RF Coaxial Cables

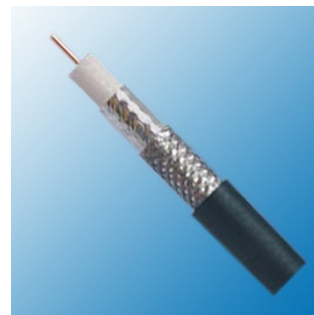
ACCL (ALMR) 500

Construction

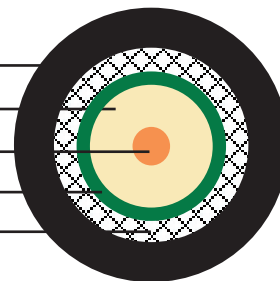
Inner conductor	Solid copper	Φ3.61 mm
Dielectric	Foam /Solid PE	Φ9.4 mm
Shield	Bonded aluminium foil	Φ9.55 mm
Outer conductor	Tinned copper braid	Φ10.3 mm
Sheath	PVC/PE	Φ12.7 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	77.1 pF/m
Velocity of propagation	86%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	2.69 Ohm/Km
Outer conductor resistance	4.2 Ohm/Km
Operating temperature range	-40°C - +85 °C
Min.bending radius	64 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	1.8	0.5
50	2.3	0.7
150	4.0	1.2
220	4.9	1.5
450	7.1	2.2
900	10.3	3.1
1500	13.6	4.1
1800	15.0	4.6
2000	15.9	4.8
2500	18.0	5.5
3000	19.7	6.0
5800	29.1	8.9