

50 Ohm RF Coaxial Cables

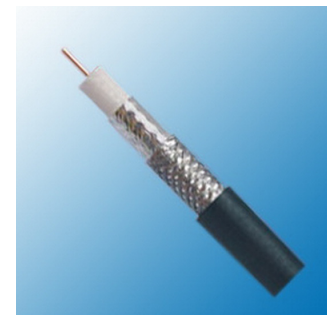
ACCL (ALMR) 240

Construction

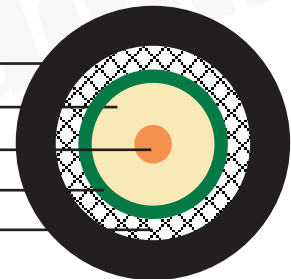
Inner conductor	Solid copper	Φ1.42 mm
Dielectric	Foam /Solid PE	Φ3.81 mm
Shield	Bonded aluminium foil	Φ3.94 mm
Outer conductor	Tinned copper braid	Φ4.50 mm
Sheath	PVC/PE	Φ6.01 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	79.4 pF/m
Velocity of propagation	84%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	10.5 Ohm/Km
Outer conductor resistance	12.76 Ohm/Km
Operating temperature range	-40°C - +85 °C
Min.bending radius	30 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	4.4	1.3
50	5.7	1.7
150	9.9	3.0
220	12.0	3.7
450	17.3	5.3
900	24.8	7.6
1500	32.4	9.9
1800	35.6	10.9
2000	37.7	11.5
2500	42.4	12.9
3000	46.5	14.2
5800	66.8	20.4