

Mininature Coaxial Cables

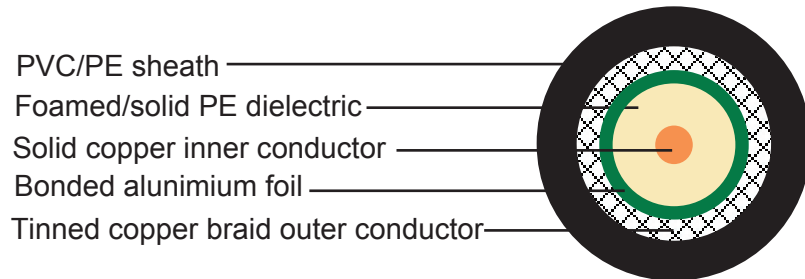
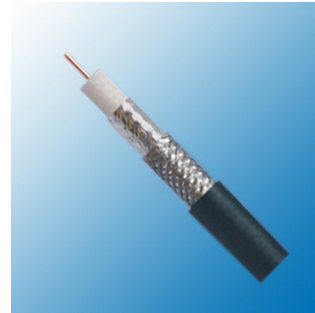
ACCL (ALMR) 100

Construction

Inner conductor	Solid copper	0.46 mm
Dielectric	Foam /Solid PE	Φ1.52 mm
Shield	Bonded aluminium foil	Φ1.65 mm
Outer conductor	Tinned copper braid	Φ2.11 mm
Sheath	PVC/PE	Φ2.79 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	101.1 pF/m
Velocity of propagation	70%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	266 Ohm/Km
Outer conductor resistance	31.2 Ohm/Km
Operating temperature range	-40°C - +85 °C
Min.bending radius	14 mm



Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
30	12.9	3.9
50	16.7	5.1
150	29.4	9.0
220	35.8	10.9
450	51.9	15.8
900	74.9	22.8
1500	98.7	30.1
1800	109.0	33.2
2000	115.5	35.2
2500	130.6	39.8
3000	143.8	43.8
5800	210.3	64.1