

50 Ohm RF Coaxial Cables

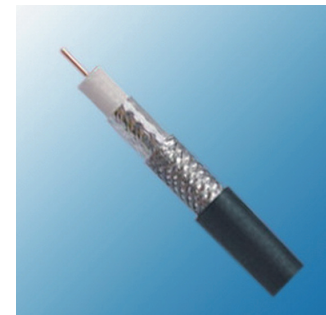
ACCL(ALMR) 400

Construction

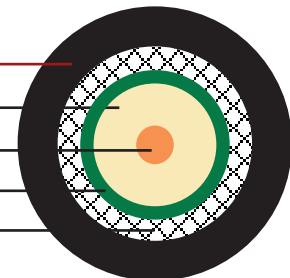
Inner conductor	CCA (copper clad aluminium)	Φ2.74 mm
Dielectric	Foam /Solid PE	Φ7.24 mm
Shield	Bonded aluminium foil	Φ7.39 mm
Outer conductor	Tinned copper braid	Φ8.13 mm
Sheath	LSZH	Φ10.29 mm
Flame retardance	IEC60332-3-22	

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	78 pF/m
Velocity of propagation	85%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	4.69 Ohm/Km
Outer conductor resistance	5.61 Ohm/Km
Operating temperature range	-40°C - +85 °C
Min.bending radius	51mm



Sheath
 Foamed/solid PE dielectric
 Inner conductor
 Bonded aluminium foil
 Tinned copper outer conductor



Attenuation

Frequency(MHz)	Attenuation (dB/100 ft)	Max. Attenuation(dB/100ft)
30	0.7	0.84
50	0.9	1.07
150	1.5	1.7
220	1.9	2.1
450	2.7	3.0
900	3.9	4.3
1500	5.1	5.6
1800	5.7	6.3
2000	6.0	6.6
2500	6.8	7.4
3000	7.6	8.4
5800	10.8	12.0