

50 Ohm RF Coaxial Cables

ACCL (ALMR) 900

Construction

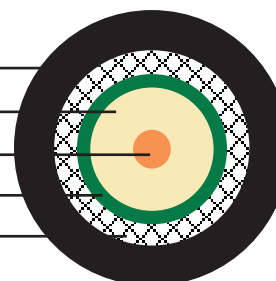
Inner conductor	BC tube	Φ6.65 mm
Dielectric	Foam PE	Φ17.27 mm
Outer conductor	Aluminum Tape	Φ17.42 mm
Overall Braid	Tinned Copper	Φ18.59 mm
Sheath	PE /FRPE	Φ22.10 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	76.6 pF/m
Velocity of propagation	87%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	1.77Ohm/Km
Outer conductor resistance	1.8 Ohm/Km
Operating temperature range	-40°C - +85 °C
Min.bending radius	76.2 mm



PE/FRPE sheath
Foam PE dielectric
BC tube inner conductor
Aluminum tape outer conductor
Tinned copper overall braid



Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
30	0.9	0.3
50	1.2	0.4
150	2.2	0.7
220	2.6	0.8
450	3.8	1.2
900	5.6	1.7
1500	7.4	2.2
1800	8.2	2.5
2000	8.6	2.6
2500	9.8	3.0
3000	11.0	3.4
5800	16.0	4.9