



Caledonian

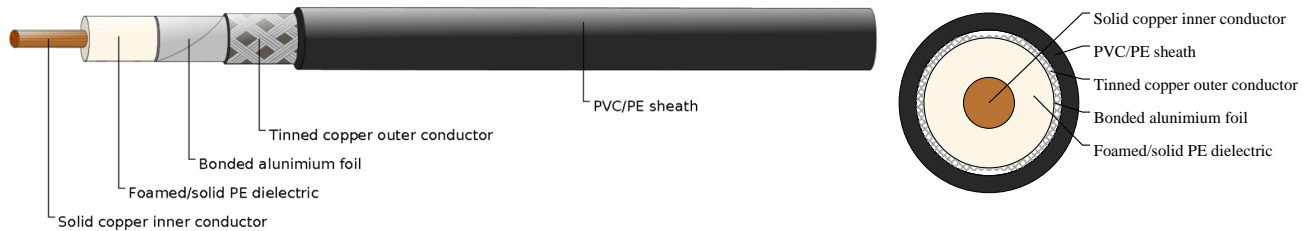
Coaxial Cables

www.caledonian-cables.com

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50Ohm RF Coaxial Cables

ALMR500



Construction

Inner conductor	Solid copper	Φ3.61 mm
Dielectric	Foam /Solid PE	Φ9.40 mm
Shield	Bonded aluminium foil	Φ9.55 mm
Outer conductor	Tinned copper braid	Φ10.3 mm
Outer 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

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
30	1.8	0.5
50	2.3	0.7
150	4	1.2
220	4.9	1.5
450	7.1	2.2
900	10.3	3.1
1500	13.6	4.1
1800	15	4.6



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2000	15.9	4.8
2500	18	5.5
3000	19.7	6
5800	29.1	8.9