



Caledonian

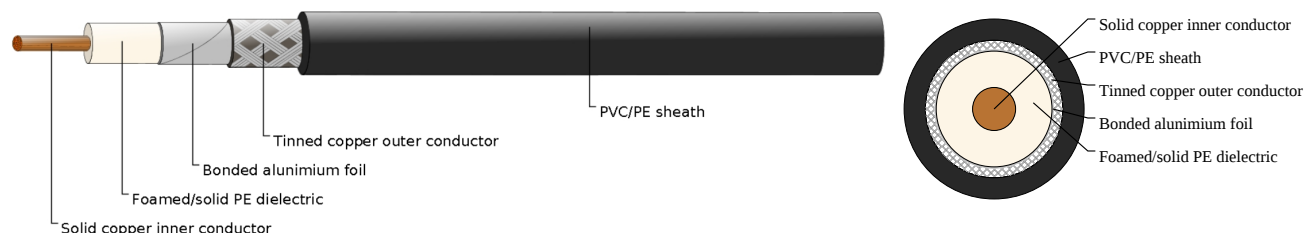
Coaxial Cables

www.caledonian-cables.com

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50Ohm RF Coaxial Cables

ALMR240



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	Φ4.5 mm
Outer 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

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
30	4.4	1.3
50	5.7	1.7
150	9.9	3
220	12	3.7
450	17.3	5.3
900	24.8	7.6
1500	32.4	9.9
1800	35.6	10.9



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2000	37.7	11.5
2500	42.4	12.9
3000	46.5	14.2
5800	66.8	20.4