



Caledonian

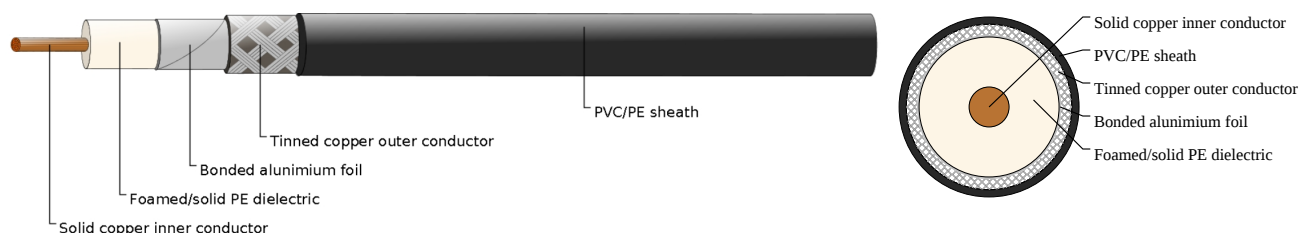
Coaxial Cables

www.caledonian-cables.com

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50Ohm RF Coaxial Cables

ALMR200



Construction

Inner conductor	Solid copper	Φ1.12 mm
Dielectric	Foam /Solid PE	Φ2.95 mm
Shield	Bonded aluminium foil	Φ3.07 mm
Outer conductor	Tinned copper braid	Φ3.66 mm
Outer sheath	PVC/PE	Φ4.95 mm

Electrical Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	80.3 pF/m
Velocity of propagation	83%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	17.6 Ohm/Km
Outer conductor resistance	16.1 Ohm/Km
Operating temperature range	-40°C - +85 °C
Min.bending radius	27 mm

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
30	5.8	1.8
50	7.5	2.3
150	13.1	4
220	15.9	4.8
450	22.8	6.9
900	32.6	9.9
1500	42.4	12.9
1800	46.6	14.2



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2000	49.3	15
2500	55.4	16.9
3000	60	18.3
5800	86.5	26.4