



Caledonian

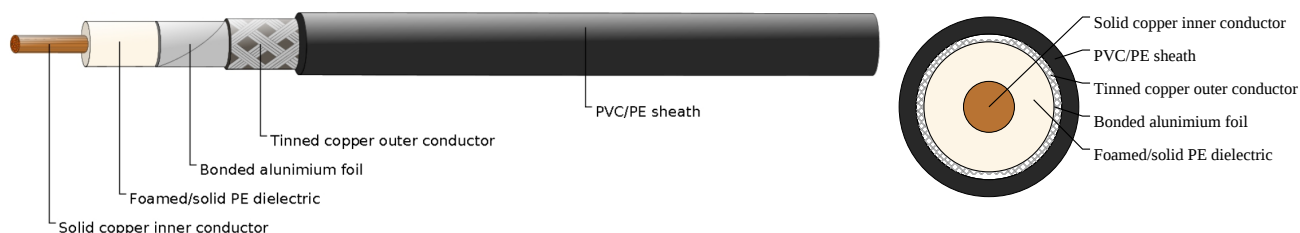
Coaxial Cables

www.caledonian-cables.com

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50Ohm RF Coaxial Cables

ALMR195



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	79.7 pF/m
Velocity of propagation	80%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	24.94 Ohm/Km
Outer conductor resistance	16.08 Ohm/Km
Operating temperature range	-40°C - +85 °C
Min.bending radius	25 mm

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
30	6.5	2
50	8.4	2.6
150	14.6	4.5
220	17.7	5.4
450	25.5	7.8
900	36.5	11.1
1500	47.7	14.5
1800	52.5	16



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2000	55.4	16.9
2500	62.4	19
3000	67.5	20.6
5800	93	28.3