



Caledonian

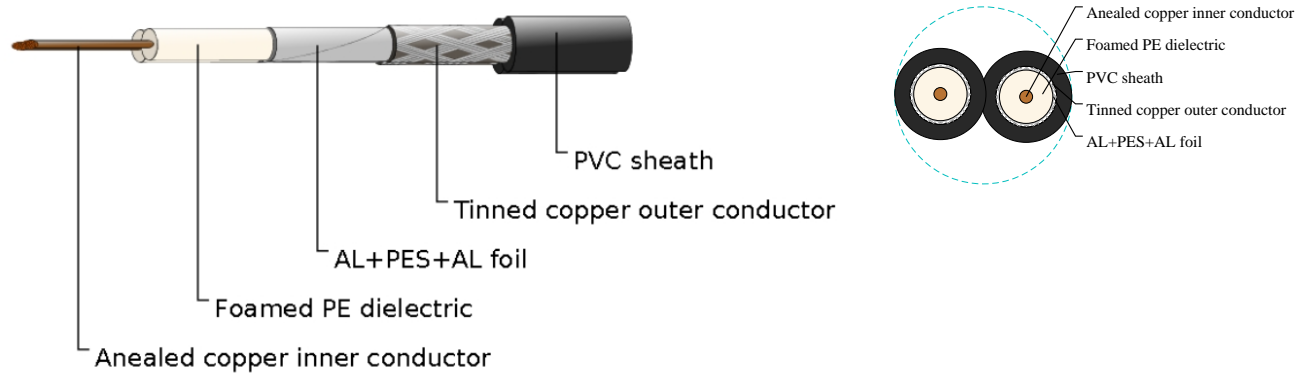
Coaxial Cables

www.caledonian-cables.com

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M17/RG Coaxial-Cable Hybrid 75Ohm

Twin RG 6



Construction

Inner conductor	Anealed copper	Φ1.02 mm
Dielectric	Foam PE	Φ4.57 mm
Outer conductor(shield 1)	Al-PES-Al foil	/
Shield coverage	/	100%
Outer conductor(shield 2)	Tinned copper	/
Shield coverage	/	60%
Outer sheath	PVC	Φ6.8 - 13.9mm

Electrical Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	57 pF/m
Velocity of propagation	78%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	11.5 Ohm/Km
Outer conductor resistance	5.5 Ohm/Km
Operating temperature range	-40 °C - +70 °C
Cable weight (approx.)	100 Kg/Km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
200	9.9	3.02
500	15.2	4.63
860	20.7	6.31



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1000	22.5	6.86
1500	27	8.23
2000	20.8	9.39
2400	34.1	10.4
3000	39	11.89