



Caledonian

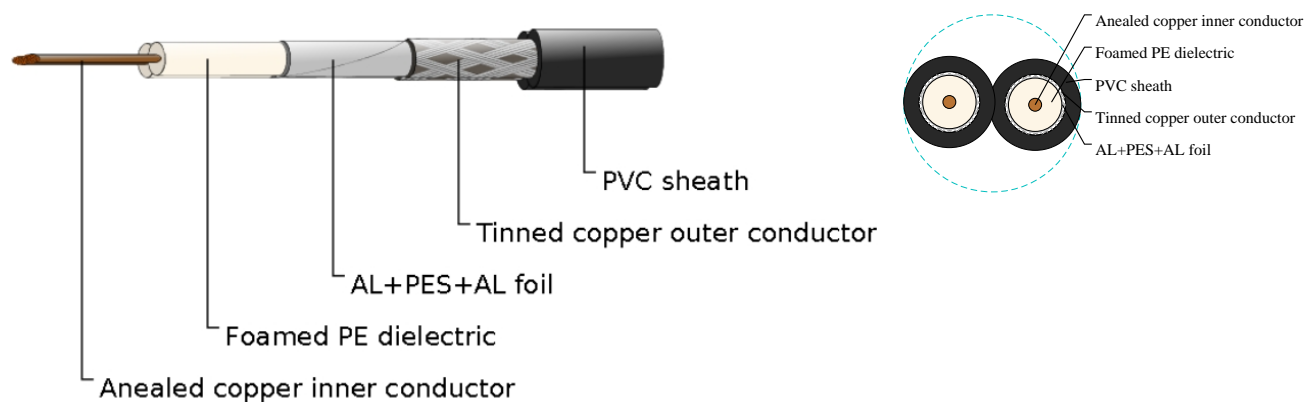
Coaxial Cables

www.caledonian-cables.com

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M17/RG Coaxial-Cable Hybrid 75Ohm

Twin RG 59



Construction

Inner conductor	Anealed copper	0.81 mm
Dielectric	Foam PE	$\Phi 3.6$ mm
Outer conductor(shield 1)	Al-PES-Al foil	/
Shield coverage	/	100%
Outer conductor(shield 2)	Tinned copper	/
Shield coverage	/	60%
Outer sheath	PVC	$\Phi 5.9 - 12.7$ mm

Electrical Mechanical Characteristics

Impedance	75 \pm 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.)	75 Kg/Km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
200	12.4	3.78
500	18.8	5.73



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860	25.3	7.71
1000	27.6	8.41
1500	34.1	10.4
2000	40.4	12.32
2400	44.8	13.66
3000	50.1	15.27