



Caledonian

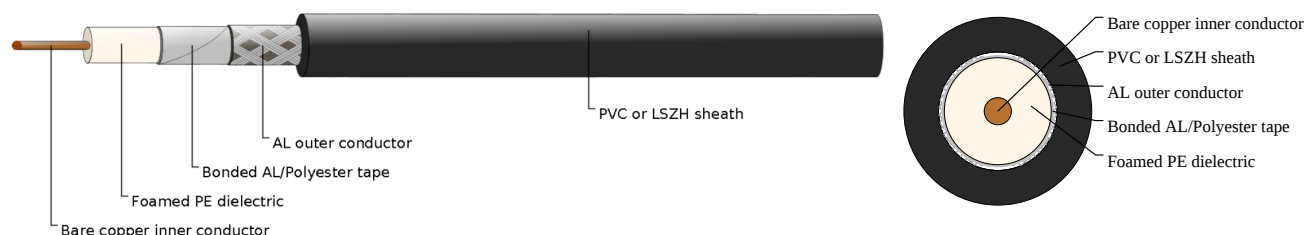
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

M17/RG Coaxial-Cable RG Type 75Ohm

RG 6/U



Construction

Inner conductor	Bare copper	$\Phi 1.02$ mm
Dielectric	Foam PE	$\Phi 4.57 \pm 0.20$ mm
Tape shield(shield 1)	Aluminium foil	/
Shield coverage	/	100%
Outer conductor(shield2)	Aluminium	96 x 0.12 mm
Shield coverage	/	70%
Outer sheath	PVC or LSZH	$\Phi 7.00 \pm 0.20$ mm

Electrical Mechanical Characteristics

Impedance	75 $\pm$ 5 Ohm
Nominal capacitance	54 pF/m
Velocity of propagation	82%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	23.1 Ohm/Km
Outer conductor resistance	31 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Cable weight (approx.)	43 Kg/Km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	5	1.5
100	6.4	1.96
200	9.2	2.8
500	14.5	4.4
600	15.9	4.9
800	17.7	5.4



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1000	21.9	6.7
1350	24.9	7.6
1750	29	8.8
2050	33.1	10.1
2400	36.4	11.1