



Caledonian

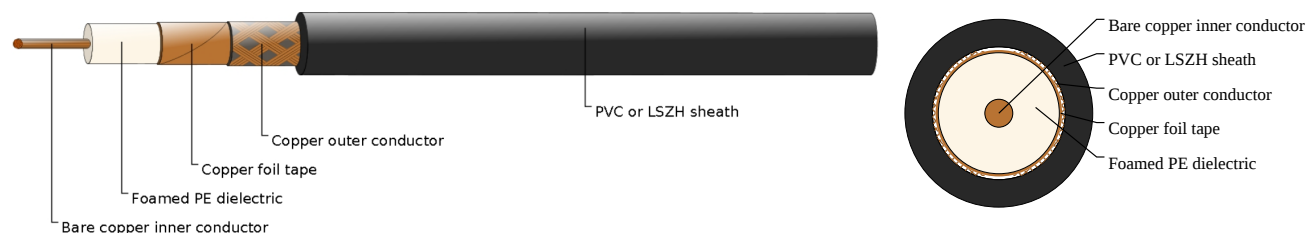
Coaxial Cables

www.caledonian-cables.com

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M17/RG Coaxial-Cable RG Type 75Ohm

RG 6/U6



Construction

Inner conductor	Bare copper	$\Phi 1.02$ mm
Dielectric	Foam PE	$\Phi 4.6 \pm 0.20$ mm
Tape shield(shield 1)	Copper foil	/
Shield coverage	/	100%
Outer conductor(shield2)	Copper	64 x 0.12 mm
Shield coverage	/	60%
Outer sheath	PVC or LSZH	$\Phi 6.80 \pm 0.20$ mm

Electrical Mechanical Characteristics

Impedance	75 $\pm$ 5 Ohm
Nominal capacitance	54 pF/m
Velocity of propagation	83%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	21.7 Ohm/Km
Outer conductor resistance	24.1 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Cable weight (approx.)	50 Kg/Km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	4.4	1.3
100	6.1	1.9
200	9.2	2.8
500	14.8	4.5
600	16	4.9
800	19	5.8



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1000	20.5	6.2
1350	23.7	7.2
1750	27.1	8.3
2150	29.9	9.1
2400	31.7	9.7