



Caledonian

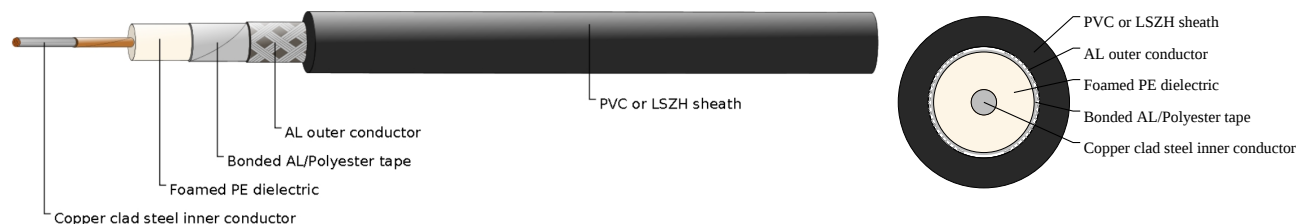
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

M17/RG Coaxial-Cable RG Type 75Ohm

RG 6



Construction

Inner conductor	Copper clad steel (CCS)	Φ1.02 mm
Dielectric	Foam PE	Φ4.57 ± 0.20 mm
Tape shield(shield 1)	Bonded Aluminium/Polyester	/
Shield coverage	/	100%
Outer conductor(shield2)	Aluminium	96 x 0.12 mm
Shield coverage	/	82%
Outer sheath	PVC or LSZH	Φ6.91 mm

Electrical Mechanical Characteristics

Impedance	75±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.)	45 Kg/Km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	5	1.5
100	6.7	2
200	9.5	2.9
400	14.1	4.2
700	19.9	6
900	23.2	7



Caledonian

Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

1000	24.8	7.5
1350	29.9	9
1750	35.1	10.5
2150	37.9	11.4
2500	39	11.7