



Caledonian

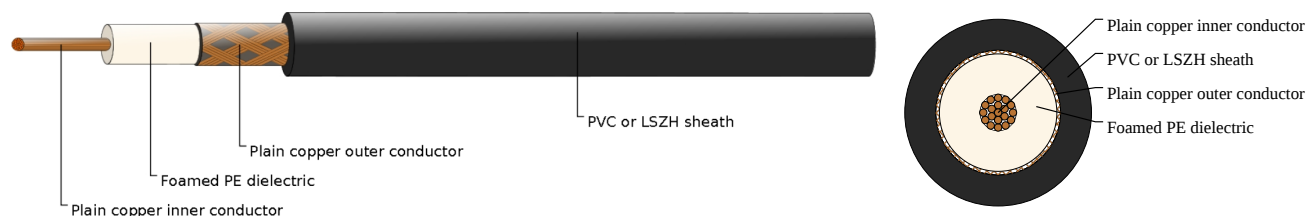
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

M17/RG Coaxial-Cable RG Type Low Loss 50Ohm

RF 8 MINI



Construction

Inner conductor	Plain copper	19 x 0.28 mm
Dielectric	Foam PE	$\Phi 3.90 \pm 0.15$ mm
Outer conductor(shield)	Plain copper	128 x 0.12 mm
Shield coverage	/	88%
Outer sheath	PVC or LSZH	$\Phi 6.10 \pm 0.10$ mm

Electrical Mechanical Characteristics

Impedance	50 $\pm$ 3 Ohm
Nominal capacitance	80 pF/m
Velocity of propagation	80%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	15.5 Ohm/Km
Outer conductor resistance	14 Ohm/Km
Operating temperature range	-25 °C - +80 °C
Copper weight	25.2 Kg/Km
Cable weight (approx.)	53.7 Kg/Km
Screening effectiveness	>55 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	7.2	2.2
100	10.5	3.2
400	22.2	6.77
600	27.6	8.41
860	33.9	10.34
1000	37	11.28
1750	51.6	15.73



Caledonian

Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

2400	64.5	19.66
------	------	-------

Return Loss

30-300 MHz	>26dB
300-600 MHz	>25dB
600-900 MHz	>23dB