



Caledonian

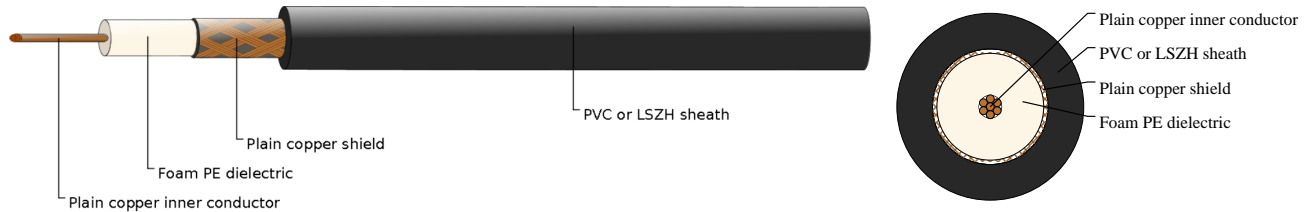
Coaxial Cables

www.caledonian-cables.com

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M17/RG Coaxial-Cable MIL-C-17F 75Ohm

RF 59 LL



Construction

Inner conductor	Plain copper	7 x 0.25 mm
Dielectric	Foam PE	$\Phi 3.70 \pm 0.10$ mm
Outer conductor(shield)	Plain copper	120 x 0.15 mm
Shield coverage	/	95%
Outer sheath	PVC or LSZH	$\Phi 6.15 \pm 0.10$ mm

Electrical Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	56 pF/m
Velocity of propagation	80%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	49 Ohm/Km
Outer conductor resistance	9 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	23.8 Kg/Km
Cable weight (approx.)	53Kg/Km
Screening effectiveness	>55 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	7.1	2.16
100	10.1	3.08
200	14	4.27
400	20.2	6.16
500	23.6	7.2
600	26.2	7.99
860	32.2	9.82



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1000	34.8	10.61
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Return Loss

30-300 MHz	>25dB
300-600 MHz	>24dB
600-900 MHz	>20dB