



Caledonian

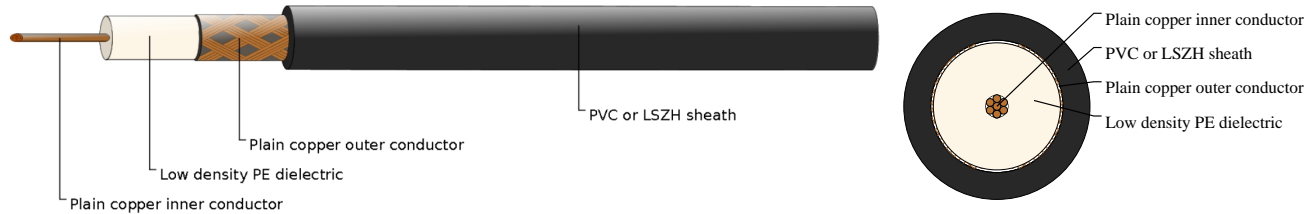
Coaxial Cables

www.caledonian-cables.com

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

RG 11 AL



Construction

Inner conductor	Plain copper	7 x 0.40 mm
Dielectric	Low density PE	$\Phi 7.25 \pm 0.18$ mm
Outer conductor(shield)	Plain copper	112 x 0.15 mm
Shield coverage	/	64%
Outer sheath	PVC or LSZH	$\Phi 10.3 \pm 0.18$ mm

Electrical Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	67 pF/m
Velocity of propagation	66%
Insulation resistance	>2000 Mohm.Km
Inner conductor resistance	20.5 Ohm/Km
Outer conductor resistance	10 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	27.8 Kg/Km
Cable weight (approx.)	118.2 Kg/Km
Screening effectiveness	>45 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	4.4	1.34
100	6.4	1.95
200	9.7	2.96
400	14.3	4.36
500	16.1	4.91
600	17.9	5.46
860	22	6.71



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1000	24.4	7.44
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Return Loss

30-300 MHz	>30dB
300-600 MHz	>27dB
600-900 MHz	>25dB