



Caledonian

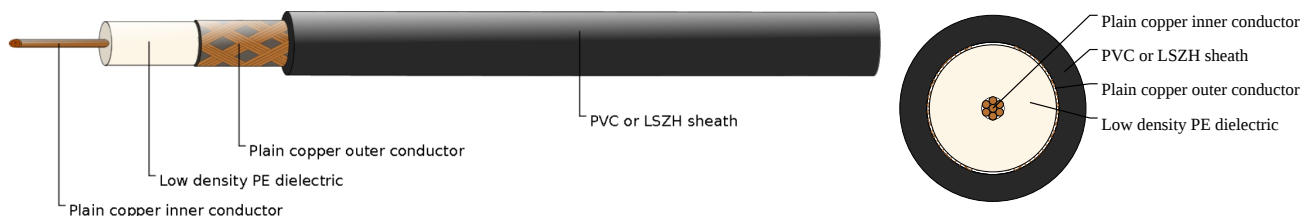
Coaxial Cables

www.caledonian-cables.com

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

RG 11 AX



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 $\pm$ 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	4.5 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	49.8 Kg/Km
Cable weight (approx.)	140.2 Kg/Km
Screening effectiveness	>55 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	4.2	1.28
100	6.2	1.89
200	9.2	2.8
400	13.8	4.21
500	15.5	4.73
600	17.1	5.21



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860	21.1	6.43
1000	23.4	7.13

Return Loss

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