



Caledonian

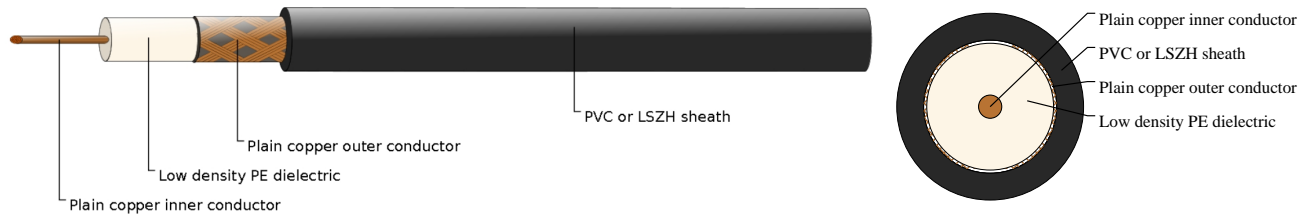
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

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

RG 11URM (URM 57)



Construction

Inner conductor	Plain copper	1.15 mm
Dielectric	Low density PE	$\Phi 7.25 \pm 0.18$ mm
Outer conductor(shield)	Plain copper	192 x 0.18 mm
Shield coverage	/	97%
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	16.6 Ohm/Km
Outer conductor resistance	4.5 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	58.3 Kg/Km
Cable weight (approx.)	146.7 Kg/Km
Screening effectiveness	>55 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	3.8	1.16
100	5.5	1.68
200	8.2	2.5
400	12	3.66
500	13.6	4.15
600	15	4.57
860	18.8	5.73



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1000	20.7	6.31
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Return Loss

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