

LMR 240 series CABLE Data Sheet

Custom Cables USA LLC <http://www.CustomCablesUSA.com>



Specifications:	
Centre Conductor - mm	1.42 Solid BC
Insulation - mm	3.81
1st Shielding -	Bonded Aluminum Foil
1st Outer Conductor - mm	0.12 x 144 CuSn
Outer Jacket - mm	6.1
Min. Bending Radius - mm	19.1
Tensile Strength - kg	36.3
Attenuation (20 °C, dB/100 ft)	
f = 30 MHz	1.34
f = 50 MHz	1.74
f = 100 MHz	2.5
f = 150 MHz	3.02
f = 220 MHz	3.66
f = 450 MHz	5.27
f = 900 MHz	7.56
f = 1500 MHz	9.88
f = 1800 MHz	10.85
f = 2000 MHz	11.49
f = 2500 MHz	12.92
f = 3000 MHz	14.36
DC Resistance (Centre Conductor) - ohm /km	10
DC Resistance (Outer Conductor) - ohm /km	12.76
Insulation Resistance - ohm /km	5000
Dielectric Strength - Kv	1.6
Velocity ratio - %	0.85
Peak Power Rating - Kw	5.6
Cut Off Frequency - GHz	31
Voltage Withstand - VDC	1500
Capacitance	79.4pF +/- 3 per M
Screening factor at 1 - 1000MHz	> 90dB
Admissible ambient temperature - °C	-40°C to 80°C
Packing	Wood Spool