

## LMR 400 series CABLE Data Sheet

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



<b>Specifications:</b>	
Centre Conductor - mm	2.74 Solid CCA
Insulation - mm	7.24
1st Shielding -	Bonded Aluminum Foil
1st Outer Conductor - mm	0.15 x 192 CuSn
Outer Jacket - mm	10.29
Min. Bending Radius - mm	25.4
Tensile Strength - kg	72.5
<b>Attenuation (20 °C, dB/100 ft)</b>	
f = 30 MHz	0.67
f = 50 MHz	0.88
f = 100 MHz	1.31
f = 150 MHz	1.52
f = 220 MHz	1.86
f = 450 MHz	2.71
f = 900 MHz	3.9
f = 1500 MHz	5.12
f = 1800 MHz	5.67
f = 2000 MHz	5.97
f = 2500 MHz	6.77
f = 3000 MHz	7.62
DC Resistance (Centre Conductor) - ohm /km	3.07
DC Resistance (Outer Conductor) - ohm /km	6.88
Insulation Resistance - ohm /km	5000
Dielectric Strength - Kv	1.6
Velocity ratio - %	0.87
Peak Power Rating - Kw	16
Cut Off Frequency - GHz	16.2
Voltage Withstand - VDC	2500
Capacitance	78.4pF +/- 3 per M
Screening factor at 1 - 1000MHz	> 90dB
Admissible ambient temperature - °C	-40°C to 80°C
Packing	Wood Spool