

SUMLO Low Loss Form Flexible Coaxial Cable LMR-100

Features:

- Ideal for GPS, TCAS, MLS WLAN, WISP, WiMax
- Drop-in replacement for RG174, RG316 cables



Cable Construction Details

Inner Conductor	Bare Copper	0.46mm ± 0.01mm
Dialectical lay	Foam PE with Skin	1.52mm ± 0.13mm
1 st Shielding	Bonded Aluminium Foil	
braiding	Tinned Copper wire	0.15mm x 90% cover
Jacket	Black SLZH	2.11mm ± 0.2mm
Minimum bending Radius		25.4mm
Operating Temperature		-40 to +80 (deg)

Electrical Specifications

Impedance:	50 ± 2 ohm
Velocity Ratio:	80%
Dielectric Strength	500 V
Peak Power Rating	0.6 kW
Cut off Frequency	63 GHz
Screening factor at 1 - 1000MHz	90dB

Frequency (MHz)	Attenuation (dB/100M)	Maximum Power
150	29.4 dB	100 Watts
220	35.8 dB	83 Watts
450	51.9 dB	55 Watts
900	74.9 dB	38 Watts
1500	98.7 dB	29 Watts
1800	109 dB	27 Watts
2000	115.5 dB	25 Watts
2500	130.6 dB	22 Watts

Price: A\$1.0 per metre

A\$300 per roll (500M)

Note: GST is not included

Connectors

SMA Plug Crimp	01-0404
RP-SMA Jack Crimp	01-0432