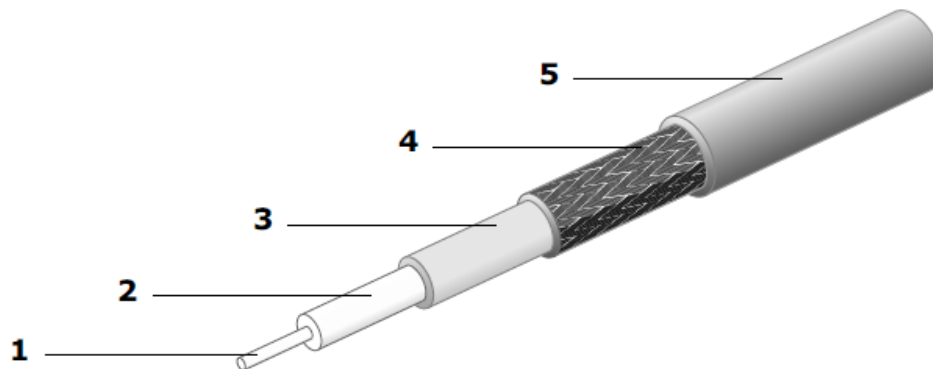


CABA_LMR-100 – Low Loss RG174 DROP-IN EQUIVALENT



MECHANICAL

	Material	Diameter (mm)
1. Inner Conductor	Solid Copper	0.46
2. Dielectric	Solid Polyethylene	1.52
3. Outer Conductor	Bonded Aluminium Foil	1.65
4. Overall Braid	Tinned Copper	2.11
5. Jacket	Black Polyethylene	2.79

ELECTRICAL

Impedance	50 ohms
Capacitance	101.1 pF/m
Velocity of Propagation	66%
Voltage Withstanding	500 Volts DC
Maximum Operating Frequency	6000 MHz
Attenuation per 100m (typical);	
150 MHz	29.4 dB
220 MHz	35.8 dB
450 MHz	51.9 dB
900 MHz	74.9 dB
1500 MHz	98.7 dB
1800 MHz	109.0 dB
2000 MHz	115.5 dB
2500 MHz	130.6 dB
3000 MHz	143.8 dB
5800MHz	210.3 dB

ENVIRONMENTAL

Bending Radius	14 mm
Operating Temperature	-25 to +70 degrees C

The above data is to be used as baseline information only. For a more detailed specification, application support or application approval samples, please contact our technical support help desk on +44(0) 2392327 020. We reserve the right to modify the specifications without prior notice.