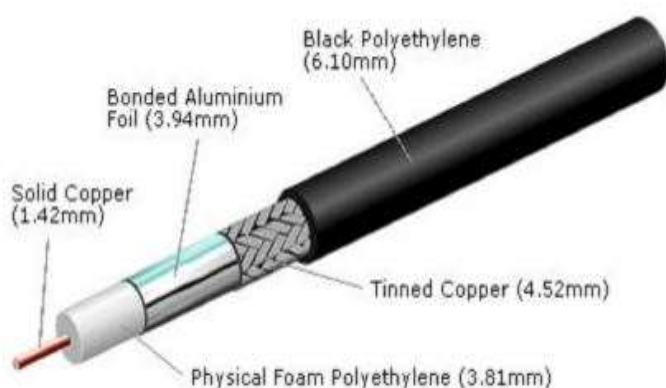


# Product Data Sheet

Inner Conductor	Solid Copper
Dielectric	Physical Foam Polyethylene (3.81mm)
Outer Conductor	Bonded Aluminium Foil
Overall Braid	Tinned Copper
Jacket	Black Polyethylene (6.10mm)
Bending Radius (static)	15.25mm
Bending Radius (flexing)	61mm
Weight	50 gms/m
Impedance	50 ohms
Max. Frequency	11 GHz
Capacitance	79.4 pF/m
Temperature Range	-40 to +85 degrees C
Velocity of Propagation	84%
Working Voltage	1500 Volts RMS
<i>Attenuation and Average Power</i>	<i>per 100m / KW</i>
150 MHz	9.90 dB / 0.66
220 MHz	12.0 dB / 0.54
450 MHz	17.3 dB / 0.38
900 MHz	24.8 dB / 0.26
1500 MHz	32.4 dB / 0.20
1800 MHz	35.6 dB / 0.18
2000 MHz	37.7 dB / 0.17
2500 MHz	42.4 dB / 0.15
3000 MHz	46.5 dB / 0.13
5800 MHz	66.8 dB / 0.10



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**Stock Number**  
**LL240**

**Date**  
**13/5/2014**

**Rev 1**

Every effort is made to ensure the accuracy of the information provided on this data sheet. However coax Solutions Ltd accepts no liability for mis-application of this product as a result of errors, and may alter product design and specification without notice.