

Product Data Sheet

Inner Conductor	Solid Copper Clad Steel
Dielectric	Physical Foam Polyethylene (1.52mm)
Outer Conductor	Bonded Aluminium Foil
Overall Braid	Tinned Copper
Jacket	Black Polyethylene (2.79mm)
Bending Radius (static)	7mm
Bending Radius (flexing)	27.9mm
Weight	14 gms/m
Impedance	50 ohms
Max. Frequency	6 GHz
Capacitance	101.1 pF/m
Temperature Range	-40 to +85 degrees C
Velocity of Propagation	66%
Working Voltage	500 Volts RMS

<i>Attenuation and Average Power</i>	<i>per 100m / KW</i>
150 MHz	29.4 dB / 0.100
220 MHz	35.8 dB / 0.083
450 MHz	51.9 dB / 0.057
900 MHz	74.9 dB / 0.039
1500 MHz	98.7 dB / 0.029
1800 MHz	109.0 dB / 0.027
2000 MHz	115.5 dB / 0.025
2500 MHz	130.6 dB / 0.022
3000 MHz	143.8 dB / 0.020
5800 MHz	210.3 dB / 0.013



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