

Product Data Sheet

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| Inner Conductor | Bare Copper Clad Aluminium (2.74mm) |
| Dielectric | Physical Foam Polyethylene (7.24mm) |
| Outer Conductor | Bonded Aluminium Foil (7.39mm) |
| Overall Braid | Tinned Copper (8.13mm) |
| Jacket | Black Polyethylene (10.29mm) |
| Bending Radius (static) | 25mm |
| Bending Radius (flexing) | 103mm |
| Weight | 100 gms/m |
| Impedance | 50 ohms |
| Max. Frequency | 11 GHz |
| Capacitance | 77.1 pF/m |
| Temperature Range | -40 to +85 degrees C |
| Velocity of Propagation | 85% |
| Voltage Withstanding | 2500 Volts DC |

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| <i>Attenuation and Average Power</i> | <i>per 100m / KW</i> |
| 150 MHz | 5.00dB / 1.47 |
| 220 MHz | 6.10dB / 1.20 |
| 450 MHz | 8.90dB / 0.83 |
| 900 MHz | 12.8dB / 0.58 |
| 1500 MHz | 16.8dB / 0.44 |
| 1800 MHz | 18.6dB / 0.40 |
| 2000 MHz | 19.6dB / 0.37 |
| 2500 MHz | 22.2dB / 0.33 |
| 3000 MHz | 24.8dB / 0.28 |
| 5800 MHz | 35.5dB / 0.21 |



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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.