

## CAR100

MECHANICAL SPECIFICATION		
<b>Braid</b>		Copper
<b>Nominal Braid Coverage</b>		60%
<b>Overall Diameter</b>		> 4.0mm
<b>Jacket Material</b>		PVC
<b>Overall Jacket Diameter</b>		6.55mm ± 0.3mm
<b>Colour</b>		Black / Brown / White
ELECTRICAL SPECIFICATION		
<b>Impedance</b>		75 ± 3 Ω
<b>Capacitance</b>		52 pF/m
<b>Nominal Velocity Ratio</b>		85%
<b>Conductor DC Resistance</b>	@ 20°C	26 Ω/Km
<b>Outer Shield DC Resistance</b>	@ 20°C	15 Ω/Km
<b>Attenuation</b>	5 MHz	< 1.6 dB / 100m
	50 MHz	< 4.6 dB / 100m
	100 MHz	< 6.5 dB / 100m
	200 MHz	< 9.5 dB / 100m
	460 MHz	< 15.0 dB / 100m
	860 MHz	< 19.5 dB / 100m
	1000 MHz	< 21.5 dB / 100m
	1750 MHz	< 29.0 dB / 100m
	2150 MHz	< 32.5 dB / 100m
<b>Return Loss at</b>	5-30 MHz	> 23 dB
	30-470 MHz	> 23 dB
	470-862 MHz	> 20 dB
	862-2150 MHz	> 18 dB
<b>Packaging</b>		100m / 250m

N.B All figures shown are to manufacturers tolerance of ± 10% and are for guidance only.

