

## CAR63 Twin

MECHANICAL SPECIFICATION		
<b>Braid</b>		Bare Copper
<b>Nominal Braid Coverage</b>		80%
<b>Overall Diameter</b>		≥ 4.0mm
<b>Jacket Material</b>		PVC
<b>Overall Jacket Diameter</b>		0.181" / 4.75mm ± 0.2mm for Single Coax
<b>Colour</b>		Black / Brown / White
ELECTRICAL SPECIFICATION		
<b>Impedance</b>		75 ± 3 Ω
<b>Capacitance</b>		16.8 pF/ft / 56 pF/m
<b>Nominal Velocity Ratio</b>		78%
<b>Conductor DC Resistance</b>	@ 20°C	16.8 Ω/Kft / 55 Ω/Km
<b>Outer Shield DC Resistance</b>	@ 20°C	4.88 Ω/Kft / 16 Ω/Km
<b>Attenuation</b>	5 MHz	2.7 dB / 100m
	50 MHz	7.5 dB / 100m
	100 MHz	10.0 dB / 100m
	200 MHz	13.8 dB / 100m
	460 MHz	21.4 dB / 100m
	860 MHz	30.0 dB / 100m
	1000 MHz	32.5 dB / 100m
	1750 MHz	42.2 dB / 100m
	2150 MHz	47.0 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.

