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# Data *sheet*



## Fusion Red Cable CMP

Physical Dimensions		
Centre Conductor	Material	Copper
	Diam. mm	1.63
Dielectric	Material	Low Density PTFE Polytetrafluoroethylene
	Diam. mm	7.25
Shield	First Shield	Bonded Aluminum Foil
	Braid	Cu Braid
Jacket	Material	Black CMP PVC
	Diam, mm	10.05
Electrical		
Nominal Impedance, Ω		75±3
Capacitance, pF/m		53±3
Propagation Velocity, %		85
Inner Conductor Resistance, Ω.km		8.3
Outer Conductor Resistance, Ω.km		30.3
Loop Conductor Resistance, Ω.km		38.6
Shielding Effectiveness, dB		> 70
Min. bending Radius , mm		50
Operating Temperature, °C		-55 to +165

@ Frequency MHz	Attenuation (20°C, <dB/100m)
5	1.25
55	3.15
211	6.23
250	6.72
300	7.38
350	7.94
400	8.53
450	9.02

