



HCMC Part No.		HC 90001-1	HC 90001-3
ELECTRICAL DATA	Impedance Ohms	50 ± 1.0	50 ± 1.0
	Dielectric Strength KVRMS 60 Hz	5.0	5.0
	Corona Extinction KVRMS 60 Hz	1.9 Min.	1.9 Min.
	Max. Operating Frequency-GHz	36	36
	Max. Attenuation db/100 ft. at 20°C and Avg. Pwr., Watts, unity VSWR, 40°C amb., still air		
Frequency GHz	Atten.	Avg. Pwr.	Atten. Avg. Pwr.
1.0	12.0	450	12.0 450
10.0	45.0	120	45.0 120
20.0	70.0	70	70.0 70

MECHANICAL DATA	Inner Conductor O.D. (inches)	.0362 ± .005	.0362 ± .005
	Inner Conductor Material	SPC	SPC
	Dielectric O.D. (inches)	.1175 ± .001	.1175 ± .001
	Outer Conductor O.D. (inches)	.141 ± .001	.141 + .002 -.001
	Outer Conductor Material	Copper	Copper/Tin
	Safe Bend Radius (Proper Tooling) (inch)	.150	.150
	Max. Weight Lbs./1000 ft.	34.4	35.1
	Operating Temperature Max. Degrees C	-55/ +200	-55/ +200

HCMC Part No's	Outer Conductor Material/Finish	Inner Conductor Material/Dielectric
HC 90001-1 HC 90001-3	COPPER COPPER/TIN	SPC/PTFE, F1 SPC/PTFE, F1

