



**EZBEND
.141 DIA. NON MAGNETIC
50 OHM COPPER**

		HCMC PART NUMBERS		
ELECTRICAL DATA	HC 90001-1	HC 90001-3		
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	70.0	70.0	70.0
MECHANICAL DATA				
Inner Conductor O.D. (inches)	.0362 +/- .005	.0362 +/- .005		
Inner Conductor Material	SPC	SPC		
Inner Dielectric Material	PTFE, F1	PTFE, F1		
Dielectric O.D. (inches)	.1175 +/- .001	.1175 +/- .001		
Outer Conductor O.D. (inches)	.141 +/- .001	.141 +/- .001		
Outer Conductor Material	COPPER	COPPER/TIN		
Safe Bend Radius (proper tooling) (inch)	.100	.100		
Max. Weight (lbs./1000 ft.)	34.4	35.1		
Operating Temp. Max. Degrees C	-55 / +200	-55 / +200		