



**EZBEND
.047 DIA.
50 OHM COPPER**

		HCMC PART NUMBERS		
ELECTRICAL DATA	HC 10001-1	HC 10001-3		
Impedance (Ohms)	50 +/- 1.0	50 +/- 1.0		
Dielectric Strength (KVRMS 60 Hz)	2.0	2.0		
Corona Extinction (KVRMS 60 Hz)	1.0 Min	1.0 Min		
Max Operating Frequency (GHz)	40	40		
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	40.0	32.0	40.0	32.0
10.0	130.0	9.0	130.0	9.0
20.0	190.0	6.5	190.0	6.5
MECHANICAL DATA				
Inner Conductor O.D. (inches)	.0113 +/- .0005	.0113 +/- .0005		
Inner Conductor Material	SPC	SPC		
Inner Dielectric Material	PTFE, F1	PTFE, F1		
Dielectric O.D. (inches)	.037 +/- .001	.037 +/- .001		
Outer Conductor O.D. (inches)	.047 +/- .001	.047 +/- .001		
Outer Conductor Material	COPPER	COPPER/TIN		
Safe Bend Radius (proper tooling) (inch)	.050	.050		
Max. Weight (lbs./1000 ft.)	4.2	4.4		
Operating Temp. Max. Degrees C	-55 / +100	-55 / +100		