



NOTE: EASYBEND II cable is designed to provide the maximum flexibility in semirigid cable, while maintaining all of the critical electrical performance requirements. Either solder or crimp style connectors can be attached to EASYBEND II.

EZBEND II
.141 DIA.
50 OHM ALUMINUM

		HCMC PART NUMBERS		
ELECTRICAL DATA	HC 80000-1 M17/130-00008	HC 80000-3 M17/130-00009		
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	13	450	13	450
10.0	46	120	46	120
20.0	71	70	71	70
MECHANICAL DATA				
Inner Conductor O.D. (inches)	.0362 +/- .0007	.0362 +/- .0007		
Inner Conductor Material	SPCW	SPCW		
Inner Dielectric Material	PTFE, F1	PTFE, F1		
Dielectric O.D. (inches)	.1175 +/- .001	.1175 +/- .001		
Outer Conductor O.D. (inches)	.141 +/- .001	.141 + .002 - .001		
Outer Conductor Material	AL	AL/SN		
Safe Bend Radius (proper tooling) (inch)	.100	.100		
Max. Weight (lbs./1000 ft.)	16.4	17.1		
Operating Temp. Max. Degrees C	-55 + 125	-55 + 125		