



**EZBEND II  
.250 DIA. NON-MAGNETIC  
50 OHM ALUMINUM**

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.

		<b>HCMC PART NUMBERS</b>		
<b>ELECTRICAL DATA</b>	<b>HC 12001-1</b>	<b>HC 12001-3</b>		
Impedance (Ohms)	50 +/- 0.5	50 +/- 0.5		
Dielectric Strength (KVRMS 60 Hz)	7.5	7.5		
Corona Extinction (KVRMS 60 Hz)	3.0 Min	3.0 Min		
Max Operating Frequency (GHz)	20	20		
MAX ATTENUATION, db/100 FT. AT 20°C AND AVG. PWR., WATTS, UNITY VSWR, 40°C AMB., STILL AIR				
<b>FREQUENCY GHz</b>	<b>ATTEN.</b>	<b>AVG. PWR.</b>	<b>ATTEN.</b>	<b>AVG. PWR.</b>
1.0	8.0	1400.0	8.0	1400.0
10.0	34.0	350.0	34.0	350.0
20.0	49.0	200.0	49.0	200.0
<b>MECHANICAL DATA</b>				
Inner Conductor O.D. (inches)	.0641 +/- .001	.0641 +/- .001		
Inner Conductor Material	SPC	SPC		
Inner Dielectric Material	PTFE, F1	PTFE, F1		
Dielectric O.D. (inches)	.209 +/- .002	.209 +/- .002		
Outer Conductor O.D. (inches)	.250 +/- .001	.250 + .002 - .001		
Outer Conductor Material	AL	AL/SN		
Safe Bend Radius (proper tooling) (inch)	0.250	0.250		
Max. Weight (lbs./1000 ft.)	60	63		
Operating Temp. Max. Degrees C	-55 / +125	-55 / +125		