



EZBEND
.034 DIA.
50 OHM COPPER
 Military (Mil-C-17) Cables

		HCMC PART NUMBERS		
ELECTRICAL DATA	HC 20000-1 M17/154-00001	HC 20000-3 M17/154-00002		
Impedance (Ohms)	50 +/- 1.0	50 +/- 1.0		
Dielectric Strength (KVRMS 60 Hz)	2	2		
Corona Extinction (KVRMS 60 Hz)	75.0 Min	75.0 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	60.0	10.0	60.0	10.0
10.0	190.0	3.1	190.0	3.1
20.0	280.0	2.0	280.0	2.0
MECHANICAL DATA				
Inner Conductor O.D. (inches)	.0080 +/- .0005	.0080 +/- .0005		
Inner Conductor Material	SPCW	SPCW		
Inner Dielectric Material	PTFE, F1	PTFE, F1		
Dielectric O.D. (inches)	.026 +/- .001	.026 +/- .001		
Outer Conductor O.D. (inches)	.034 +/- .001	.034 +/- .002 -.001		
Outer Conductor Material	COPPER	COPPER/TIN		
Safe Bend Radius (proper tooling) (inch)	.50	.50		
Max. Weight (lbs./1000 ft.)	2.6	2.8		
Operating Temp. Max. Degrees C	-55 / +100	-55 / +100		