



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

ELECTRICAL DATA	HC 70001-1 HC 70001-1H M17/133-00008 M17/133-00002	HC 70000-3 HC 70000-3H MIL 17/133-00009 MIL 17/133-00003		
Impedance (Ohms)	50 +/- 1.0	50 +/- 1.0		
Dielectric Strength (KVRMS 60 Hz)	5.0	5.0		
Corona Extinction (KVRMS 60 Hz)	1.5 Min	1.5 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	22	130	22	130
10.0	80	35	80	35
20.0	120	20	120	20
MECHANICAL DATA				
Inner Conductor O.D. (inches)	.0201 +/- .0005		.0201 +/- .0005	
Inner Conductor Material	SPC		SPC	
Inner Dielectric Material	PTFE, F1		PTFE, F1	
Dielectric O.D. (inches)	.066 +/- .002		.066 +/- .002	
Outer Conductor O.D. (inches)	.0865 +/- .001		.0865 + .002 - .001	
Outer Conductor Material	COPPER		COPPER/TIN	
Safe Bend Radius (proper tooling) (inch)	.050		.050	
Max. Weight (lbs./1000 ft.)	15.2		15.7	
Operating Temp. Max. Degrees C	-55 / +125		-55 / +125	