



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

ELECTRICAL DATA	HC 90000-1 HC 90000-1H M17/130-00004 M17/130-RG402	HC 90000-3 HC 90000-3H MIL 17/130-00005 MIL 17/130-00001		
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	12.0	450.0	12.0	450.0
10.0	45.0	120.0	45.0	120.0
20.0	70.0	70.0	70.0	70.0
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	COPPER		COPPER/TIN	
Safe Bend Radius (proper tooling) (inch)	0.100		0.100	
Max. Weight (lbs./1000 ft.)	34.4		35.1	
Operating Temp. Max. Degrees C	-55 / +125		-55 / +125	