

**.141 DIAMETER
50 OHM COPPER
MIL-C-17**

ELECTRICAL DATA		HC90000-1 / WIN90000-1 HC90000-1H / WIN90000-1H M17/130-00004 M17/130-RG402		HC90000-3 / WIN90000-3 HC90000-3H / WIN90000-3H M17/130-00005 M17/130-00001	
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	450	12	450
10.0		45	120	45	120
20.0		70	70	70	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		COPPER		COPPER/TIN	
Safe Bend Radius (proper tooling) (inch)		.100		.100	
Max. Weight (lbs./1000 ft.)		34.4		35.1	
Operating Temp. Max. Degrees C		-55 / +125		-55 / +125	

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