

.141 DIA. 50 OHM

ELECTRICAL DATA		HC90000-1 / WIN90000-1 HC90000-1H / WIN90000-1H		HC90000-3 / WIN90000-3 HC90000-3H / WIN90000-3H	
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	
Package Options: -C (coiled) -S (5 ft straight lengths)					
Rev	DCN No.	Date		App.	
AA	21-1313	4/5/2021		TA	
AB	21-2074	12/3/2021		TA	
AC	22-1161	2/17/2022		TA	
AD	22-1266	3/23/2022		TA	
AE	22-1804	11/7/2022		TA	
AF	22-1845	11/22/2022		TA	