

.047 Dia, 50 OHM

ELECTRICAL DATA		HC10000-1 / WIN10000-1		HC10000-3 / WIN10000-3	
Impedance (Ohms)		50 +/- 1.5		50 +/- 1.5	
Dielectric Strength (KVRMS 60 Hz)		2		2	
Corona Extinction (KVRMS 60 Hz)		1 MIN		1 MIN	
Max Operating Frequency (GHz)		109		109	
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		34	56	34	56
10.0		114	17	114	17
20.0		166	11	166	11
MECHANICAL DATA					
Inner Conductor O.D. (inches)		.0113 +/- .0005		.0113 +/- .0005	
Inner Conductor Material		SPCW		SPCW	
Inner Dielectric Material		PTFE, F1		PTFE, F1	
Dielectric O.D. (inches)		.037 +/- .001		.037 +/- .001	
Outer Conductor O.D. (inches)		.047 +/- .001		.047 +.002 /-.001	
Outer Conductor Material		COPPER		COPPER/TIN	
Safe Bend Radius (proper tooling) (inch)		.050		.050	
Max. Weight (lbs./1000 ft.)		4.3		4.5	
Operating Temp. Max. Degrees C		-55 / +150		-55 / +150	
Package Options: -C (coiled) -S (5 ft straight lengths)					
Rev	DCN No.	Date		App.	
A1	21-1129	2/11/2021		TA	
AA	21-1476	6/4/2021		TA	
AB	21-2138	12/15/2021		TA	
AC	22-1220	3/14/2022		TA	
AD	22-1865	11/30/2022		TA	