

.047 DIA. 50 OHM

ELECTRICAL DATA		HC10001-1 / WIN10001-1		HC10001-3 / WIN10001-3	
Impedance (Ohms)		50 +/- 1.0		50 +/- 1.0	
Dielectric Strength (KVRMS 60 Hz)		2.0		2.0	
Corona Extinction (KVRMS 60 Hz)		1 MIN		1 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		40	32	40	32
10.0		130	9	130	9
20.0		190	6.5	190	6.5
MECHANICAL DATA					
Inner Conductor O.D. (inches)		.0113 +/- .0005		.0113 +/- .0005	
Inner Conductor Material		SPC		SPC	
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.)		4.2		4.4	
Operating Temp. Max. Degrees C		-55 / +100		-55 / +100	
Package Options: -C (coiled) -S (5 ft straight lengths)					
Rev	DCN No.	Date		App.	
A1	21-1121	2/10/21		TA	
AA	21-1448	5/17/21		TA	
AB	21-2136	12/15/2021		TA	
AC	22-1223	3/14/2022		TA	
AD	22-1860	11/29/2022		TA	
AE	23-1494	8/30/2023		TA	