

.141 DIA, 50 OHM

ELECTRICAL DATA		HC90009-1 / WIN90009-1		HC90009-3 / WIN90009-3	
Impedance (Ohms)		50 +/- 1.0		50 +/- 1.0	
Dielectric Strength (KVRMS 60 Hz)		5.0		5.0	
Corona Extinction (KVRMS 60 Hz)		1.0 MIN		1.0 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		9	900	9	900
10.0		28	200	28	200
20.0		42	100	42	100
MECHANICAL DATA					
Inner Conductor O.D. (inches)		.0455 +/- .0007		.0455 +/- .0007	
Inner Conductor Material		SPC		SPC	
Inner Dielectric Material		T-PTFE		T-PTFE	
Dielectric O.D. (inches)		.120 +/- .001		.120 +/- .001	
Outer Conductor O.D. (inches)		.141 +/- .001		.141 +.002 / -.001	
Outer Conductor Material		COPPER		COPPER/TIN	
Safe Bend Radius (proper tooling) (inch)		.625		.625	
Max. Weight (lbs./1000 ft.)		27.0		27.7	
Operating Temp. Max. Degrees C		-55 / +200		-55 / +200	
Package Options: -C (coiled) -S (5 ft straight lengths)					
Rev	DCN No.	Date		App.	
A1	21-1139	2/12/2021		TA	
AA	21-1550	6/18/2021		TA	
AB	21-2066	12/3/2021		TA	
AC	22-1155	2/15/2022		TA	
AD	22-1801	11/4/2022		TA	
AE	23-1256	4/19/2023		TA	
AF	23-1435	7/26/2023		TA	