



**.034 DIA.  
50 OHM COPPER**

		<b>HCMC PART NUMBERS</b>		
<b>ELECTRICAL DATA</b>		<b>HC 20000-3</b>		
Impedance (Ohms)	50 +/- 1.5			
Dielectric Strength (KVRMS 60 Hz)	2.0			
Corona Extinction (KVRMS 60 Hz)	.75 Min.			
Max Operating Frequency (GHz)	40			
MAX ATTENUATION, db/100 FT. AT 20°C AND AVG. PWR., WATTS, UNITY VSWR, 40°C AMB., STILL AIR				
<b>FREQUENCY GHz</b>	<b>ATTEN.</b>	<b>AVG. PWR.</b>	<b>ATTEN.</b>	<b>AVG. PWR.</b>
1.0	48	21		
10.0	158	7		
20.0	229	5		
<b>MECHANICAL DATA</b>				
Inner Conductor O.D. (inches)	.008 +/- .0005			
Inner Conductor Material	SPCW			
Inner Dielectric Material	PTFE,SOLID,TYPE F1			
Dielectric O.D. (inches)	.026 +/- .001			
Outer Conductor O.D. (inches)	.034 + .002 -.001			
Outer Conductor Material	COPPER / TIN			
Safe Bend Radius (proper tooling) (inch)	.050			
Max. Weight (lbs./1000 ft.)	2.5			
Operating Temp. Max. Degrees C	-55 / +125			