

ECP226510 Ultra Broadband Directional Coupler

1.7 to 26.5 GHz



Technical Characteristics

Product Features

Low Loss
 Excellent Frequency Sensitivity
 Power: 20W CW/3KW Peak

Maximum Ratings

Max Input Power Peak (Watts)	3000
Max Input Power CW (Watts)	30

Product Export Classification

ECCN: EAR 99 (unless otherwise specified)
 HTS: 85543.70.8000

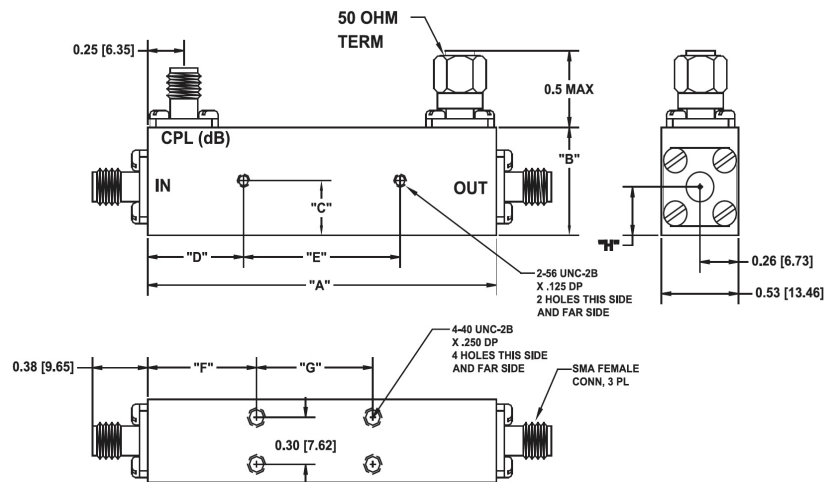
Specifications @ +25°C

Electrical Specifications

Parameters	Freq. (GHz)	Min.	Typical	Max.	Units
Insertion Loss	1.7-26.5		1.5	1.6	dB
VSWR	1.7-26.5		1.4	1.45	
Directivity	1.7-26.5	14.0	16.0		dB
Coupling	1.7-26.5		10.0		dB
Frequency Sensitivity	1.7-26.5		+/-0.45	+/-0.55	dB
CW Power Handling				30	Watts
Power Handling (Peak)				3000	Watts

(1 μSec. Pulse Width, 0.1% Duty Cycle)

Outline drawing



Dimensions - inches [mm]

Outline	A	B	C	D	E	F	G	H
1	3.5 [88.90]	0.73 [18.54]	N/A	N/A	N/A	1.0 [25.4]	1.25 [31.75]	0.25 [6.35]
2	2.4 [60.96]	0.69 [17.52]	0.38 [9.65]	0.66 [16.76]	1.078 [27.38]	0.75 [19.05]	0.80 [20.32]	0.31 [7.87]