

# ECP226516 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)	20

### Product Export Classification

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

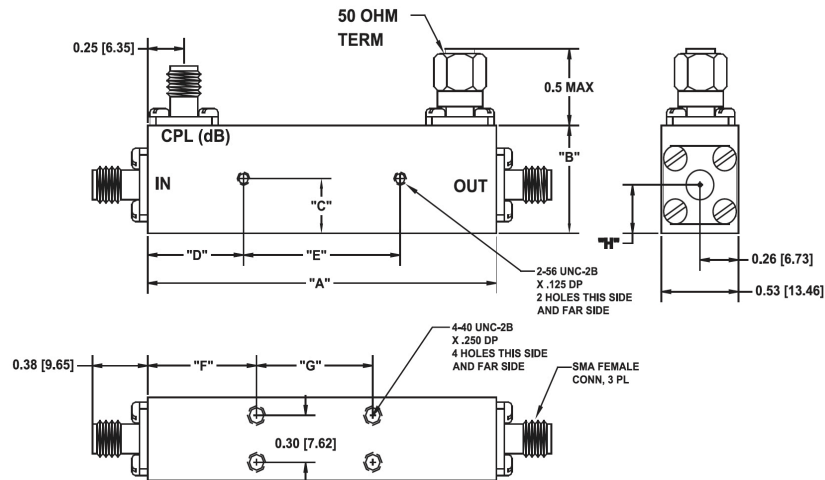
Specifications @ +25°C

## Electrical Specifications

Parameters	Freq. (GHz)	Min.	Typical	Max.	Units
Insertion Loss	1.7-26.5		1.2	1.3	dB
VSWR	1.7-26.5		1.5	1.55	
Directivity	1.7-26.5	14.0	16.0		dB
Coupling	1.7-26.5		16.0		dB
Frequency Sensitivity	1.7-26.5		+/-0.45	+/-0.55	dB
CW Power Handling				20	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]