

ECP118010 Ultra Broadband Directional Coupler

1.0 to 18.0 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	1.0-18.0		1.5	1.6	dB
VSWR	1.0-18.0		1.4	1.45	
Directivity	1.0-18.0	12	14		dB
Coupling	1.0-18.0		10		dB
Frequency Sensitivity	1.0-18.0		+/-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

