

ECP16023010 Broadband Directional Coupler

16.0 to 23.0 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)	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	16.0-23.0		1.2	1.5	dB
VSWR	16.0-23.0		1.3	1.45	
Directivity	16.0-23.0	14	16		dB
Coupling	16.0-23.0		10		dB
Frequency Sensitivity	16.0-23.0		+/-0.50	+/-0.60	dB
CW Power Handling				20	Watts
Power Handling (Peak)				3000	Watts

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

Outline drawing

