



RF-LAMBDA

The power beyond expectations

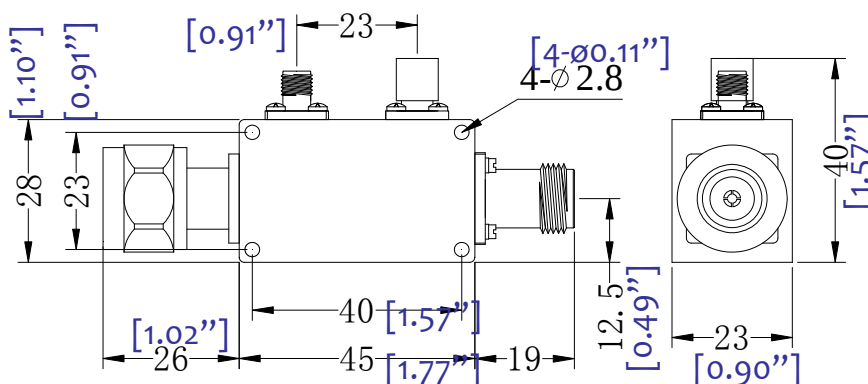
RFDC3G11G20

WIDE BAND 300W HIGH POWER DUAL DIRECTIONAL COUPLER 3.9-11GHz

- Ultra wide band performance 3.9-11GHz
- High power operation up to 300W CW, 5KW peak power
- Compact size and low loss.
- Low passive inter-modulation product.
- Customized unit available.
- Applicable for base station, repeaters of CMDA GSM and UMTS cellular network



Electrical Specifications			
Frequency	3.9-11GHz	Average Power	300W CW
Coupling	20dB	Insertion Loss	≤ 0.4dB
Accuracy	+/-2dB	Flatness	+/-1dB
Directivity	≥12dB	VSWR	≤ 1.5
Environmental Specifications			
Operational Temp.	-40°C to 85°C base plate	Storage Temp.	-55°C to 120°C base plate
Altitude	30,000 ft		
Mechanical Specifications			
Humidity	95% relative humidity, 65°C 96Hour	Mechanical shock	30G, 11mSec half sin wave, 3 axis both directions
Vibration:	14.2g RMS (15-2000Hz) functional	Connectors:	N Brass, Nickel Plate
	16.2g RMS (15-2000Hz) endurance, 1 hour/axis		Beryllium Copper, Gold Plate PIN



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