



Outline Drawing: All Dimensions in mm (inches) Tolerance ± 0.25 (0.01)

Parameters		Min.	Typ.	Max.	Units
Frequency Range		0.5		6	GHz
Nominal Coupling		39	40	41.5	dB
Frequency Sensitivity			± 0.7	± 1.0	dB
Directivity		10	15		dB
Insertion Loss (Excl. Coupling)				0.5	dB
Insertion Loss (True)			0.25	0.5	dB
VSWR Primary			1.2	1.25	: 1
VSWR Secondary			1.2	1.25	: 1
Power Rating	Average	250			W
	Peak	5			KW
Impedance		50			Ohms
Weight		12.35			Ounces
Input / Output Connectors		N-Female			
Material		Aluminum			
Finishing		Gray Paint			

Environmental Specifications

Operational Temperature	-45°C~+85°C
Storage Temperature	-55°C~+125°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40c
Shock	20G for 11msec half sine wave, 3 axis both directions