

Coaxial 50W 0° 2-Way Power Divider 216-450MHz



Features

- High power handling up to 50W
- Wide band operation
- High isolation within operational band
- Low Insertion Loss
- Stable performance over temperature
- High peak to average handling capability

Typical Applications

- Aerospace and military applications
- LMDS multi-carrier operation

Electrical Specifications, $T_A=25\text{ }^\circ\text{C}$

Parameters		Min.	Typ.	Max.	Units
Frequency Range		216		450	MHz
Nominal Splitter Loss			3		dB
Insertion Loss			0.15	0.3	dB
Isolation		22	24		dB
Input VSWR			1.2	1.3	: 1
Output VSWR			1.15	1.25	: 1
Amplitude Imbalance			0.1	0.2	dB
Phase Imbalance			1	2	deg
Power Rating	Forward Power	50			W
	Reverse Power	5			W
	Peak Power	500			W
Impedance		50			Ohms
Weight		8.11			ounces
Input / Output Connectors		N-Female			
Material		Aluminum			
Finish		Blue Paint			
Sealing		IP65			