

## Coaxial 20W 0° 2-Way Power Divider 0.5 - 18GHz



### Features

- High power handling up to 20W
- 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, $T_A=25\text{ }^\circ\text{C}$

Parameter	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	0.5		1	1		8	8		18	GHz
Nominal Splitter Loss		3			3			3		dB
Insertion Loss		0.3	0.5		0.5	0.7		0.7	0.9	dB
Isolation	16	17		18	20		16	18		dB
Input VSWR		1.45	1.6		1.3	1.4		1.3	1.4	:1
Output VSWR		1.3	1.4		1.3	1.4		1.3	1.4	:1
Amplitude Imbalance		0.1	0.2		0.15	0.2		0.2	0.3	dB
Phase Imbalance		1	2		2	3		3	5	deg
Power Rating	Forward Power	20								W
	Reverse Power	1								W
	Peak Power	200								W
Impedance	50								Ohms	
Weight	4.23								ounce	
Input / Output Connectors	SMA-Female									
Material	Aluminum									
Finish	Blue Paint									