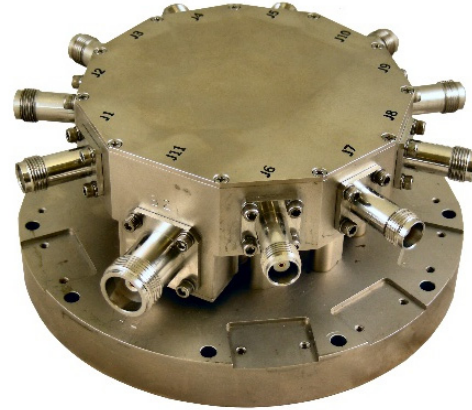
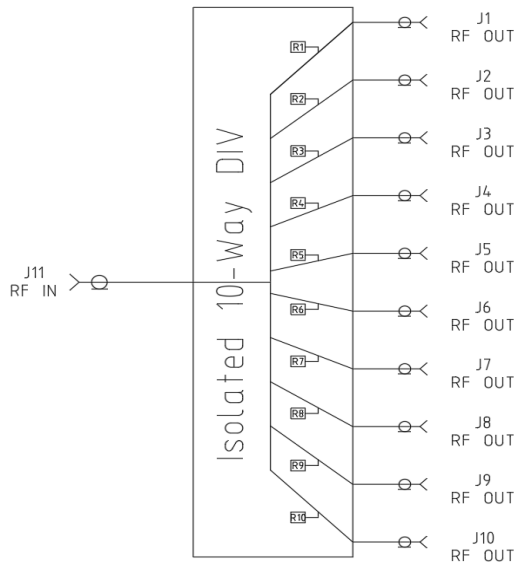


FEATURES

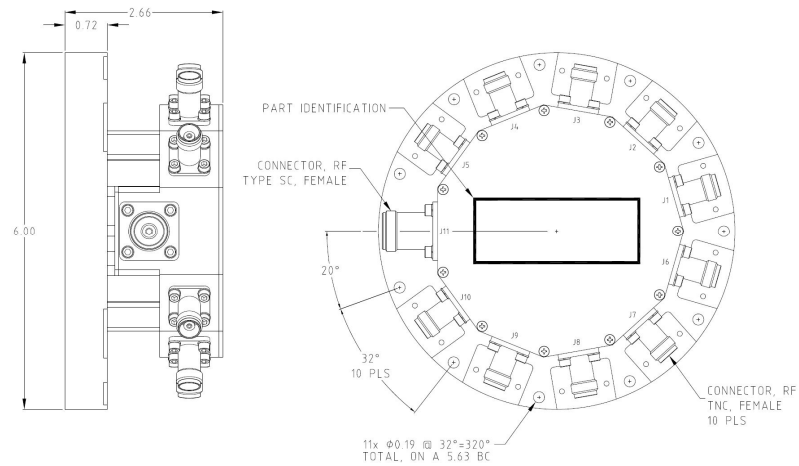
- 10-Way Divider: All Passive Built-in Terminators
- Frequency Range: 1175 – 1375 MHz
- High Power Handling: 1kW peak/100W CW Max
- Insertion Loss: 11.0 dB Max
- Input VSWR: 1.4:1 Max
- Output VSWR: 1.3:1 Max
- Amplitude/Phase Port Match: $\pm 0.15\text{dB}/\pm 2^\circ$ Max
- Excellent Reverse Isolation: 36dB Min
- Outstanding Port-to-Port Isolation: 27dB Min
- Option: Optional SW3 Mount

APPLICATIONS: High Isolation 10-Way Divider

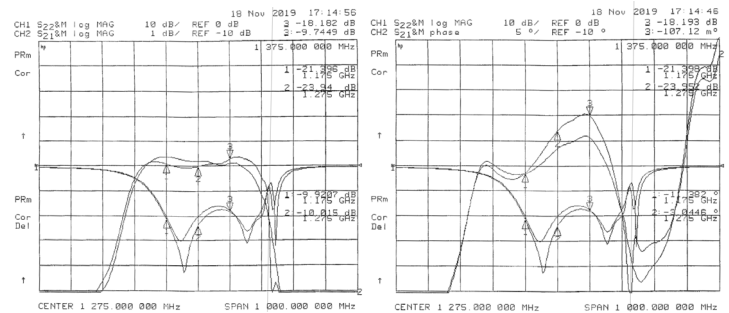
FUNCTIONAL BLOCK DIAGRAM



OUTLINE DRAWING

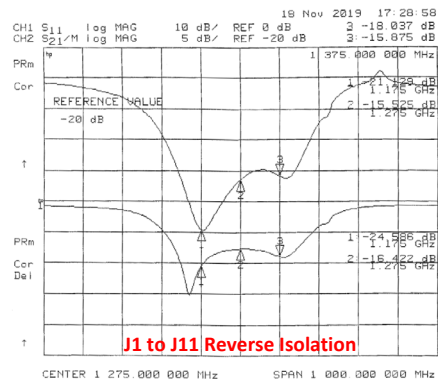


TYPICAL PERFORMANCE



J9 to J1/J11 to J2 Amplitude

J9 to J1/J11 to J2 Phase



J1 to J11 Reverse Isolation

PRODUCT SPECIFICATION

Parameter	Min.	Typ.	Max.	Units	Notes
Frequency	1175		1375	MHz	
Input Power	60			dBm	2mS Pulse
	50			dBm	CW
Insertion Loss			11.0	dB	
Pulse DF			10%		At 1kW pk
Insertion Flatness			0.2	dB	
Amplitude Match			± 0.15	dB	
Phase Match			± 2	°	
Reverse Isolation	36			dB	
Port-to-Port Iso.	27			dB	
VSWR (Input)		1.3:1	1.41		
VSWR (Output)		1.2:1	1.3:1		
VSWR Survival			∞		
Base Temp	-20		70	°C	