

Circulator Waveguide Model: DSS1090-A

Application - SPACE

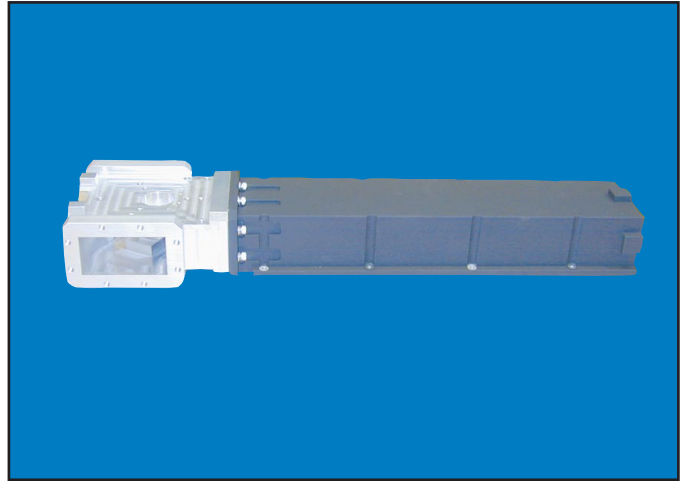
- ♦ C-Band Communications Payload
- ♦ Satellite Communication

Benefits

- ♦ Low Mass Technology
- ♦ Low Loss
- ♦ Wide Temperature Range
- ♦ Robust Construction

Features

- ♦ Magnetically Shielded
- ♦ Excellent Power Handling
- ♦ Heritage Available
- ♦ Space Approved Thin Film Load Technology



Specifications

Parameter	Specification			Unit
Frequency	3900 to 4800			MHz
	Min	Typ	Max	
Isolation	23	25	-	dB
Insertion Loss	-	0.10	0.12	dB
Return Loss	23	25	-	dB

Parameter	Specification			Unit
	Min	Typ	Max	
Operating Temp.	-20	-	+85	°C
Forward Power	-	-	10x15	W
Interface	WR 229			-

Drawing

