

## STANDARD C BAND DIPLEXER (RX ONLY CIRCULAR POL)

### General Description:

Probecom Technologies designs, fabricates, and electrically tests waveguide filters and diplexers from 1-40 GHz for the commercial, military. A full array of standard filters and diplexers is available for the various commercial and military frequency bands. Many are "off the shelf products". Custom designed filters and diplexers for specific customer applications are available.



### Technical Specification

Operating Frequency, GHz	TWO-PORT	
	RX1	RX2
	<b>3.625-4.2</b>	<b>3.625-4.2</b>
Polarization	Circular	Circular
VSWR	1.30:1	1.30:1
Axis Ratio, dB	2.3	2.3
Insertion Loss, dB	≤0.3dB	≤0.3dB
Interface	CPR229F	CPR229F
Isolation, Rx/Rx, dB	≥18dB	
<b>Standard and Option</b>		
Feed Horn	No or Customized	
Material	Aluminum Casting or Customized	
Exterior	White paint or Customized	