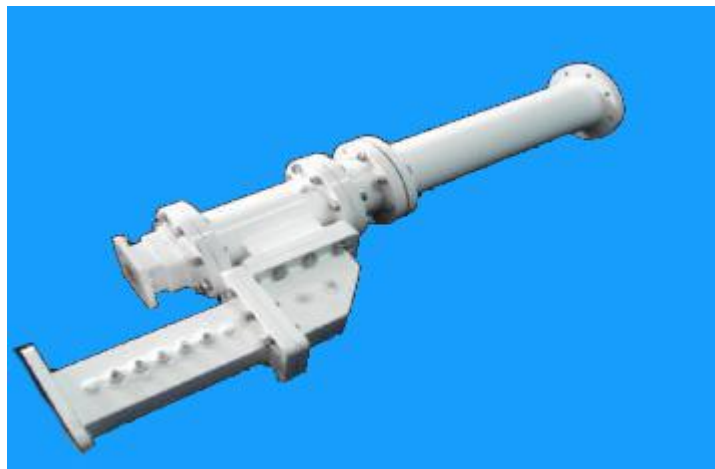


EXTENDED C BAND DIPLEXER(Circular POL)

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	
	TX	RX
	5.85-6.725	3.4-4.2
Polarization	Circular	Circular
VSWR	1.30:1	1.30:1
Axial Ratio	1.09:1	1.30:1
Insertion Loss, dB	≤0.3dB	≤0.4dB
Interface	CPR137F or N Type	CPR229F
Power Handling, KW	1	
Isolation, Tx to Rx, dB	≥80dB	
Standard and Option		
Pressurization	No or Customized	
Material	Aluminum Casting or Customized	
Exterior	White paint or Customized	