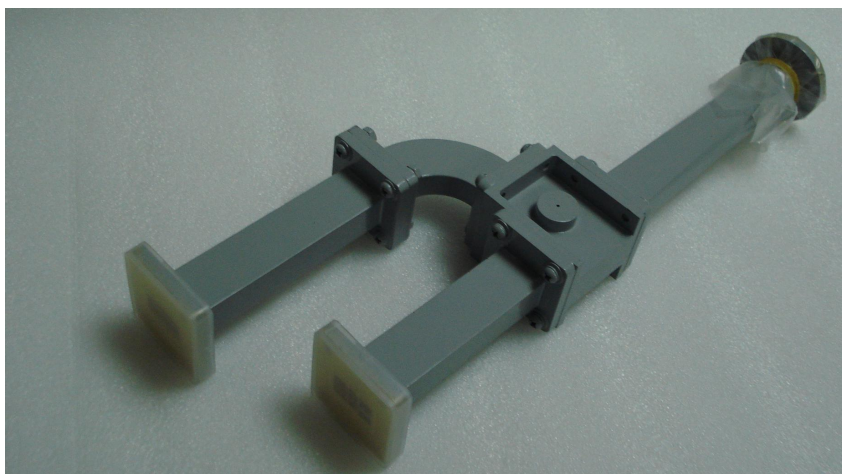


LOWER Ku BAND DIPLEXER(Linear CO-POL)

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

	TWO-PORT		
Operating Frequency, GHz		TX	RX
	Band 1	12.905-13.250GHz	10.75-10.95GHz
	Band 2	12.905-13.250GHz	11.2-11.45GHz
Polarization	Linear		Linear
VSWR	1.25:1		1.25:1
CrossPol, dB	35		35
Insertion Loss, dB	≤0.4dB		≤0.4dB
Interface	WR75		WR75
Power Handing, KW	1		
Isolation, Tx/Rx, dB	≥55dB		
Standard and Option			
Pressurization	No or Customized		
Material	Copper or Customized		
Exterior	White paint or Customized		