



MFC

Microwave Filter Company, Inc.

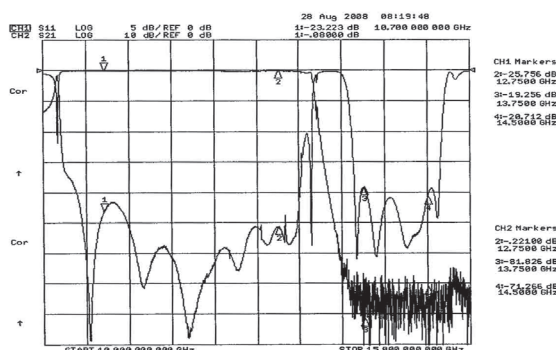
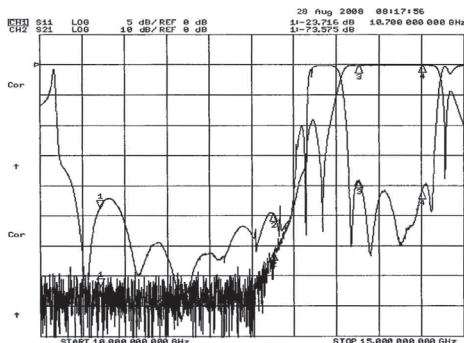
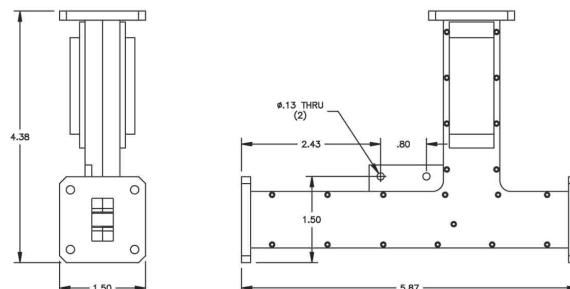
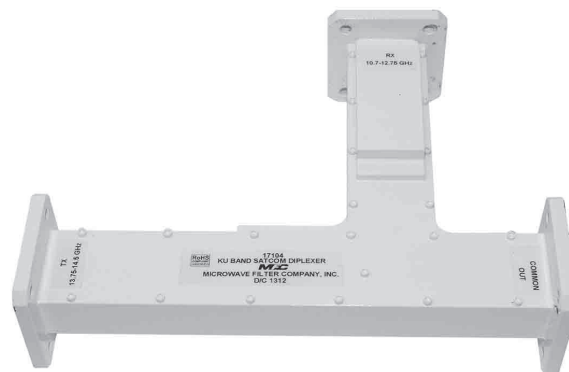
Creating Filters and Components to 50 Ghz for Over 50 Years!

Utilizing high "Q" bandpass filter components to isolate the transmit and receive feeds, this diplexer is compatible with most standard, extended and super-extended Ku-band applications.

- Alternate flange configurations are available upon request.
- Full Ku-band (Receive) capability
- Easy bolt-on installation
- No power supply required

Specifications:

Highband (Tx Port):	13.75 - 14.5 GHz (<i>Uplink</i>)
Insertion Loss:	0.25 dB Typ from 13.75 - 14.5 GHz
Return Loss:	23 dB Typ from 13.75 - 14.5 GHz
Rejection:	65 dB Typ / 55 dB Min from 10.7 - 12.75 GHz
Power Rating (CW):	500 Watts Max
Lowband (Rx Port):	10.7 - 12.75 GHz (<i>Downlink</i>)
Insertion Loss:	0.20 dB Typ from 10.7 - 12.75 GHz
Return Loss:	23 dB Typ from 10.7 - 12.75 GHz
Rejection:	90 dB Typ / 80 dB Min from 13.75 - 14.5 GHz
Flanges:	WR75 Cover
Dimensions:	5.9" x 4.4" x 1.5" (150mm x 112mm x 38mm)
Finish:	Gloss White Lacquer



All MFC Products Designed and Manufactured in the USA



E-Mail: Sales@iktechcorp.com

Ku (Universal) Band Diplexer
Model 17104