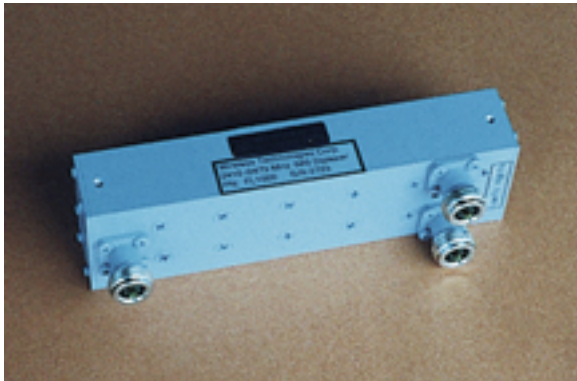


## Miniature Diplexer filters UMTS Signals

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)

---

## Miniature Diplexer filters UMTS Signals



The miniature "IMD free" W2446D diplexer is designed for video reception and transmission in the UMTS band. Standard 43 dBm input test signals produces less than -100 dBm of IMD signals. 60 MHz DCS/UMTS Bw, (2110-2170 MHz) Insertion loss is  $< 1$  dB and return loss is better than -17 dB. Tx to Rx isolation  $> 65$  dB. Power handling is  $> 100$  watts CW and Peak Power rating is  $> 1.5$  Kw. Dimensions only 1.0 inches  $\times$  2 inches  $\times$  5 inches. Type N connectors standard, SMA connectors are optional. Operating temperature is from -40  $^{\circ}$ C to 70  $^{\circ}$ C.

**Source URL (retrieved on 01/27/2015 - 6:53pm):**

<http://www.wirelessdesignmag.com/product-releases/2001/04/miniature-diplexer-filters-umts-signals?qt-blogs=0>