



# WIRELESS PRODUCTS

## 2.4 GHz WiMax Diplexer

ClearComm Technologies' family of WiMax Diplexer products includes our newly released 5.8 GHz Diplexers. These units feature a combine cavity structure allowing high performance within a compact package. The Diplexers are frequency scalable from 2.3 to 2.6 GHz. covering the WiMax, Wireless Local Loop and WCS bands. The unit comes with SMA Female connectors as standard for Channels 1 and 2 with a Type 'N' Female on the common port. Size is approximately 4.95 x 4.95 x 1.33 ins. For requirements specific to your needs, please contact ClearComm Technologies, LLC.

PARAMETER	SPECIFICATIONS
Passband	
Ant -> Chan 1	2410 MHz - 2434 MHz
Ant -> Chan 2	2450 MHz - 2474 MHz
Insertion Loss	2.0 dB Max.
Return Loss	14 dB Min
Rejection	
Ant -> Chan 1 @ 2400 MHz	15 dB Min
2450 - 2500 MHz	80 dB Min
Ant -> Chan 2 2483.5 - 2500 MHz	45 dB Min
Operating Temperature	-40 to +75° C
Connectors	
Antenna	Type 'N' Female
Chan 1 & Chan 2	SMA Female
Size	4.95" x 4.95" x 1.33"

