



WIRELESS PRODUCTS

5.8 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 5.4 to 5.9 GHz. covering the Wireless Local Loop and WCS bands. The unit comes with SMA Female connectors as standard. 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	5730 MHz - 5764 MHz
Ant -> Chan 2	5811 MHz - 5845 MHz
Insertion Loss	1.8 dB Max.
Return Loss	16 dB Min
Rejection	
Ant -> Chan 1 @ 5720 MHz	10 dB Min
Ant -> Chan 2 @ 5855 MHz	10 dB Min
Isolation	
Chan 1 -> Chan 2	80 dB Min
Chan 2 -> Chan 1	80 dB Min
Operating Temperature	-40 to +75° C
Connectors	SMA Female
Size	4.95" x 4.95" x 1.33"

