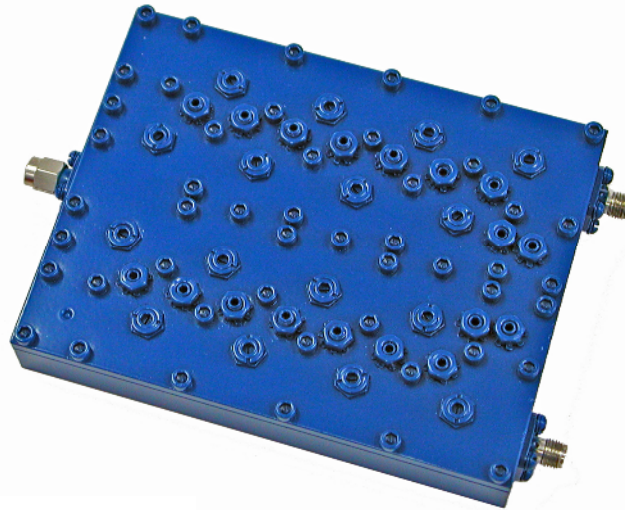


5.8 GHz Band Diplexer



Reactel, Incorporated's 5.8 GHz diplexers are specifically designed for point-to-point and wireless radio systems. These robust units can be tuned for operation at any points along the popular 5.7 to 5.9 GHz band. The data shown below is just an example of the many diplexers we have provided in this band. Please contact us with your specific requirement, so that we can provide a unit unique to your needs.



Electrical Specifications

CH 1 Center Frequency	5738 MHz
CH 2 Center Frequency	5798 MHz
1 dB Passband	22.5 MHz, minimum
Insertion Loss	≤ 2 dB @ CF ≤ 2.5 dB @ Passbands
Return Loss	≥ 15 dB @ Passbands
Attenuation	≥ 95 dB @ CF's ± 65 MHz ≥ 85 dB @ CF's ± 48 MHz
Channel-to-Channel Isolation	≥ 95 dB
Connectors	SMA Male in / SMA Female out
Size	0.67" x 3.5" x 4.5" nominal

Reactel, Incorporated - Reacting First to Your Filter Requirements

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