



# CMD128

## 5.7 Diplexer

The CMD128 Diplexers 22.5 MHz channels are factory tunable over the frequency range of 5700 MHz to 5850 MHz with a minimum of 40 MHz channel separation. Contact CMT for your specific application

### Receive Channel

Center Frequency: 5700 - 5850 MHz  
 Min. Separation: 40 MHz  
 1 dB Bandwidth: 22.5 MHz  
 Insertion Loss: 2.0 dB max. @ Fo  
 2.5 dB max @ B.E.  
 Ripple: +/- 0.2 dB max.  
 Return Loss: 15.0 dB min.  
 Rejection:  
 Fo +/- 65 MHz 95 dB min  
 Fo +/- 48 MHz 85 dB min.  
 Ch. to Ch. Isolation : 95 dB min.  
 Operation Temp: 0° to +60°C  
 Storage Temp: -40° to +85°C

### Transmit Channel

Center Frequency: 5700 - 5850 MHz  
 Min. Separation: 40 MHz  
 1 dB Bandwidth: 22.5 MHz  
 Insertion Loss: 2.0 dB max. @ Fo  
 2.5 dB max. @ B.E.  
 Ripple: +/- 0.2 dB max.  
 Return Loss: 15.0 dB min.  
 Rejection:  
 Fo +/- 65 MHz 95 dB min.  
 Fo +/- 48 MHz 85 dB min.  
 Ch. to Ch. Isolation: 95 dB min.

