



# CMWD146-2

## Waveguide Diplexer

### Receive Channel

Passband: 25978 - 26478 MHz  
 Insertion Loss: 1.5 dB max.  
 Flatness: 0.5 dB max.  
 Return Loss: 18.0 dB min.  
 Rejection:  
     DC - 24428 MHz 40 dB min  
     28028 – 33000 MHz 50 dB min.  
     33000 – 50000 MHz 40 dB min.  
     50000 – 80000 MHz 30 dB min.  
 Isolation Tx to Rx: 50 dB min.  
 Waveguide: WR-42 All ports  
 Operation Temp: 0° to +60°C  
 Storage Temp: -40° to +85°C

### Transmit Channel

Passband: 24970 - 25470 MHz  
 Insertion Loss: 1.5 dB max.  
 Flatness: 0.5 dB max.  
 Return Loss: 18.0 dB min.  
 Rejection:  
     DC - 23420 MHz 40 dB min.  
     27020 – 33000 MHz 50 dB min.  
     33000 – 50000 MHz 40 dB min.  
     50000 – 80000MHz 30 dB min.  
 Isolation Rx to Tx: 50 dB min.

