

# CMWD146-1

## Waveguide Diplexer

### Receive Channel

**Passband:** 25528 - 26028 MHz  
**Insertion Loss:** 1.5 dB max.  
**Flatness:** 0.5 dB max.  
**Return Loss:** 18.0 dB min.  
**Rejection:**  
     DC - 23978 MHz 40 dB min  
     27578 – 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:** 24520 - 25020 MHz  
**Insertion Loss:** 1.5 dB max.  
**Flatness:** 0.5 dB max.  
**Return Loss:** 18.0 dB min.  
**Rejection:**  
     DC - 22970 MHz 40 dB min.  
     26570 – 33000 MHz 50 dB min.  
     33000 – 50000 MHz 40 dB min.  
     50000 – 80000MHz 30 dB min.  
**Isolation Rx to Tx:** 50 dB min.

