



CMWD140

39 GHz Waveguide Diplexer

Receive Channel

Passband: 39600 - 40050 MHz
Insertion Loss: 3.0 dB max.
Loss Flatness: 1.0 dB min.
Return Loss: 18.0 dB min.
Rejection:
 22000 to Fo - 1600 MHz 45 dB min.
 Fo+1600 to 56000 MHz 45 dB min.
Isolation Tx to Rx: 55 dB min.
Waveguide: WR28 All Ports
Operation Temp: 0° to +60°C
Storage Temp: -40° to +85°C

Transmit Channel

Passband: 38900 - 39345 MHz
Insertion Loss: 3.0 dB max.
Loss Flatness: 1.0 dB min.
Return Loss: 18.0 dB min.
Rejection:
 22000 to Fo - 1600 MHz 45 dB min.
 Fo+1600 to 56000 MHz 45 dB min.
Isolation Rx to Tx: 55 dB min.

