



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.

