



WAVEGUIDE FILTERS AND ISOLATORS



FREQ: 40-60GHz
INSERTION LOSS: $\leq 1.8\text{dB}$ (1.0 typical)
VSWR: ≤ 1.5
REJECTION: $\geq 60\text{dB}$ @ 105GHz
 $\geq 60\text{dB}$ @ 140GHz



FREQ: 71-76GHz
RIPPLE: $\leq 0.8\text{dB}$
INSERTION LOSS: $\leq 1.0\text{dB}$
VSWR: ≤ 1.5
REJECTION: $\geq 50\text{dB}$ @ DC-65GHz
 $\geq 50\text{dB}$ @ 86-120GHz



FREQ: 37-43.5GHz
INSERTION LOSS: $\leq 0.8\text{dB}$
ISOLATION MIN.: $\geq 17\text{dB}$
RETURN LOSS: $\geq 16\text{dB}$



FREQ: 43-46GHz
INSERTION LOSS: $\leq 0.8\text{dB}$
ISOLATION MIN.: $\geq 18\text{dB}$
RETURN LOSS: $\geq 17\text{dB}$