



### WR229 Waveguide Filter 3.7-4.2GHz

#### Summary:



- Waveguide Filter – High Q and high rejection.
- Flat frequency response for pass band
- inband Low insertion loss, outband high rejection
  - Wide bandwidth Available from 5-50% ( $f_0$ )
- Designs that Cover up to 40 GHz Also Available
  - MIL-E-5400 standard

Pass Band (GHz)	Rejection (dB)	VSWR	Insertion Loss (dB)	Return Loss (dB)	Power (W)
3.7-4.2	25dB@3.65GHz 43dB@4.25GHz	1.50	0.8	-15dB	1000

#### Mechanical Specifications:

Length: 5.71"/145mm

Connector: waveguide WR229

#### Environmental Specifications:

Operational Temp. Range: -45°C~+85°C

Storage Temp. Range: -55°C~+100°C

