



WR112 Waveguide Filter 7.7-8.3GHz

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)
7.7-8.3	45dB@7.1GHz 52dB@8.48GHz	1.50	0.7	-18dB	1000

Mechanical Specifications:

Length: 3.54"/90mm

Connector: waveguide WR112

Environmental Specifications:

Operational Temp. Range: -45°C~+85°C

Storage Temp. Range: -55°C~+100°C

