Bandpass Filter · 800–1300 MHz

Stopband Rejection · ≥45 dB (DC–600 MHz) / ≥20 dB (600–700 MHz) / ≥20 dB (1400–1500 MHz) / ≥45 dB (1500–2500 MHz). Body Dimensions 156 × 50 × 40 mm.

RF Performance

Parameter	Value
Passband	800–1300 MHz
Passband Insertion Loss [1]	≤1.5 dB
Passband Ripple [1]	≤1 dB
Stopband Rejection [2]	≥45 dB
Stopband Rejection [3]	≥20 dB
Stopband Rejection [4]	≥20 dB
Stopband Rejection [5]	≥45 dB
VSWR [1]	≤1.8:1
Group Delay Variation [1]	≤3.5 ns

[1] 800–1300 MHz
[2] DC–600 MHz
[3] 600–700 MHz
[4] 1400–1500 MHz
[5] 1500–2500 MHz

Design Ratings

Parameter	Value
Power Handling	10 W (Design rating)
Operating Temperature	−30...+70 °C (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface	SMA-F
Surface Finish	Gray-white paint
Body Dimensions	156 × 50 × 40 mm
Mounting Hole Center Spacing	150.6 × 44.6 mm
Threaded Mounting Holes	4 × M3
Thread Depth	7 mm

Mechanical Specifications

Parameter	Value
Overall Width Including Projections	63 mm
RF connector axis height above housing base	19 mm
Connector Axis Distance from Body Side	25 mm

Installation and handling

The RF connectors are on opposite ends of the housing.

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.