Bandpass Filter · 1166.45–1186.45 MHz

Stopband Rejection · ≥50 dB (DC–1156.45 MHz) / ≥50 dB (1196.45–3000 MHz). Body Dimensions 150 × 82 × 35 mm.

RF Performance

Parameter	Value
Passband	1166.45–1186.45 MHz
Passband Insertion Loss [1]	≤1.5 dB
Stopband Rejection [2]	≥50 dB
Stopband Rejection [3]	≥50 dB
VSWR [1]	≤1.5:1

[1] 1166.45–1186.45 MHz
[2] DC–1156.45 MHz
[3] 1196.45–3000 MHz

Design Ratings

Parameter	Value
Power Handling	50 W (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface [1]	SMA-K
Surface Finish	Black baked paint
Connector Shell Material	304 stainless steel
Body Dimensions [2]	150 × 82 × 35 mm
Mounting holes [3]	4 × M3 mounting threads
Connector Axis Across Body Thickness [4]	17.5 mm
Connector Axis from Housing Side Edge [5]	24 mm
Adjustment Screw Projection	<5 mm

[1] One connector at each end of the housing
[2] Excluding connector protrusion
[3] Hole-center spacing 144 × 76 mm · 8 mm deep
[4] Centered across the 35 mm body thickness
[5] Measured from the nearer long edge of the housing in the plan view

Installation and handling

Clean the product surface without immersing the filter in cleaning liquid. Consult before ordering if the temperature of the complete unit will exceed 125 °C.

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.