Bandpass Filter · 33500–34500 MHz

Stopband Rejection ≥60 dB (DC–32500 MHz) / ≥60 dB (35500–45000 MHz). Body Footprint 54 × 13 × 6 mm.

RF Performance

Parameter	Value
Passband	33500–34500 MHz
Passband Insertion Loss [1]	≤3.5 dB
Stopband Rejection [2]	≥60 dB
Stopband Rejection [3]	≥60 dB
VSWR [1]	≤1.6:1

[1] 33500–34500 MHz
[2] DC–32500 MHz
[3] 35500–45000 MHz

Design Ratings

Parameter	Value
Operating Temperature	–40...+70 °C (Design rating)
Power Handling	10 W (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Body Footprint	54 × 13 × 6 mm (Excluding connector protrusion)
RF Interface	2.92-F (One connector at each end of the housing)
Surface Finish	Silver plated
Connector Material	Stainless steel
Mounting holes	4 × M2 through threaded holes (Hole-center spacing 44 × 10 mm)
Adjustment Screw Projection	<2 mm
RF connector axis offset in side view	3 mm (Centered across the 6 mm housing thickness)
Connector Axis from Housing Side Edge	6.5 mm

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.