

Waveguide Filter

AWGLPF10.75G12.75G50

Revision record

Date	Version	Author	Revision description	Comment
2026/06/01	V1.0	Lee	Created	/

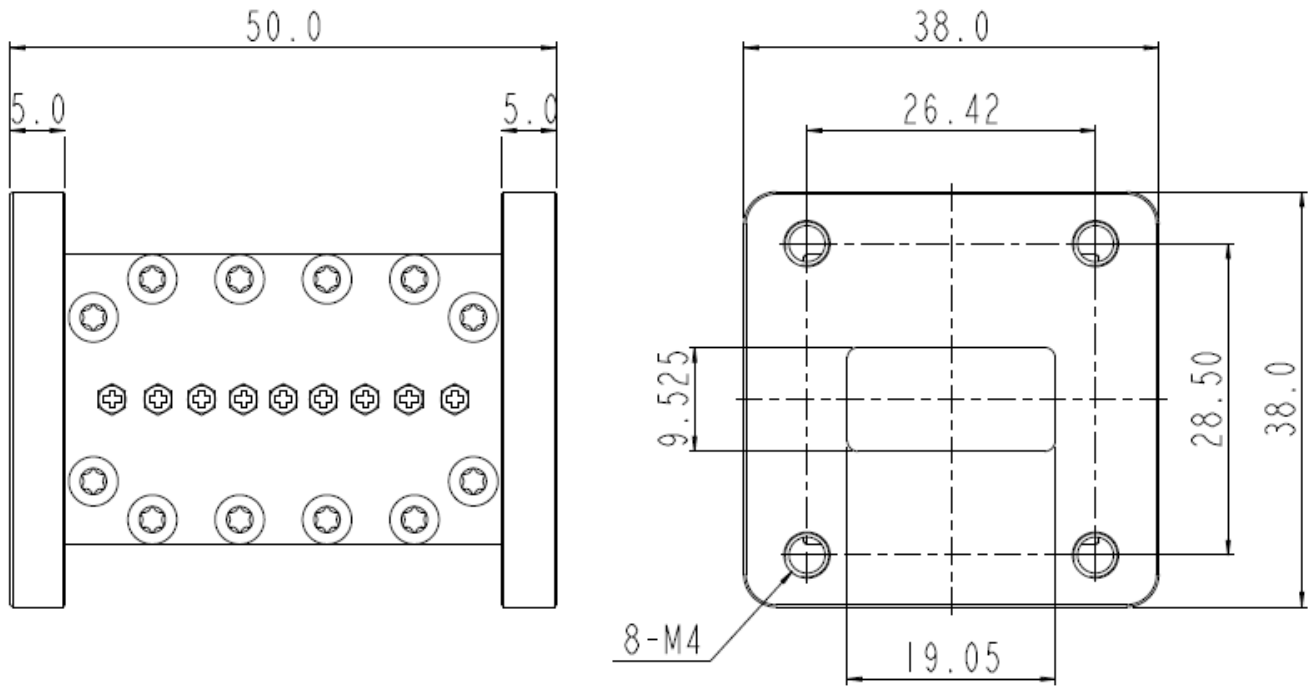
Electrical specification

Parameter	Specification
Frequency range	10.75-12.75GHz
Insertion loss	≤0.5dB (0.2dB typ.)
Return loss	≥15dB
Rejection	≥50dB@13.75-14.5GHz
Average power	250 W
Peak power	4000 W
Operating temperature range	-20°C to +70°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 50mm x 38mm x 38mm
Connectors	Flange: WR75
Finish	Black spray paint
Environment	Indoor
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

Passband:

