

Cavity Duplexer

A2CD460M467M80S

Revision record

Date	Version	Author	Revision description	Comment
2024/09/05	V1.0	Sam	Created	/

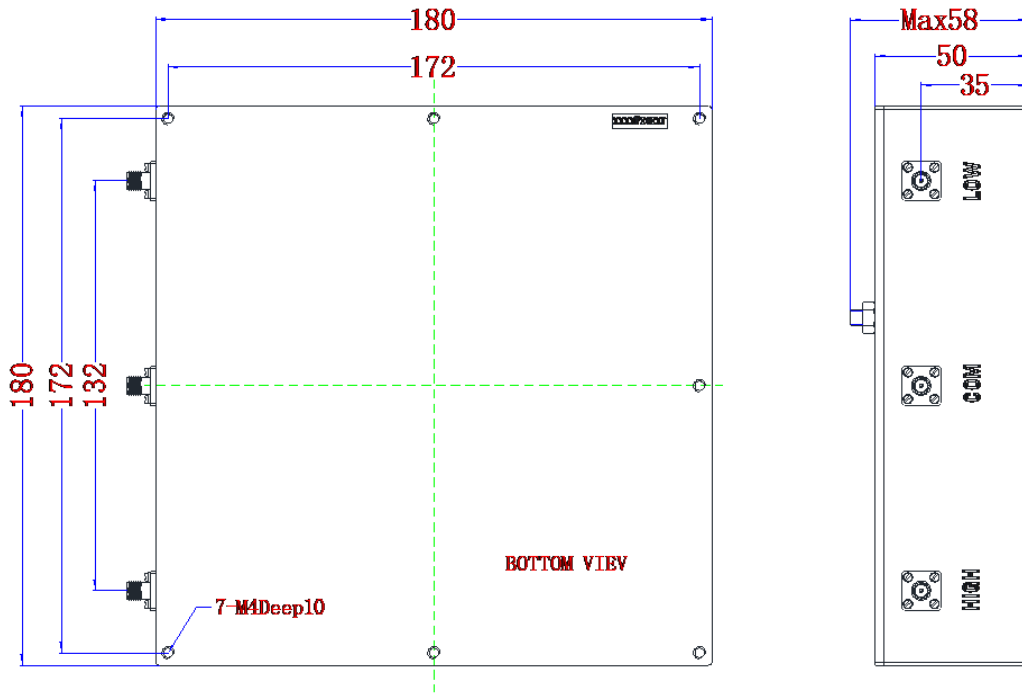
Electrical specification

Parameter		Specification	
Frequency range		Low	High
		460.525-462.975MHz	465.525-467.975MHz
Insertion loss (Full Temp)		≤5.2dB	≤5.2dB
Return loss	(Normal Temp)	≥18dB	≥18dB
	(Full Temp)	≥15dB	≥15dB
Rejection	(Normal Temp)	≥80dB@458.775MHz	≥80dB@470MHz
	(Full Temp)	≥75dB@458.775MHz	≥75dB@470MHz
Power		100W	
Temperature range		0°C to +50°C	
Impedance		50Ω	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 180mm x 180mm x 50mm (58 Max)
Connectors	SMA-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



The simulation curve

