

Cavity Combiner

A4CD380M425M65S

Revision record

Date	Version	Author	Revision description	Comment
2024/09/06	V1.0	Lee	Created	/

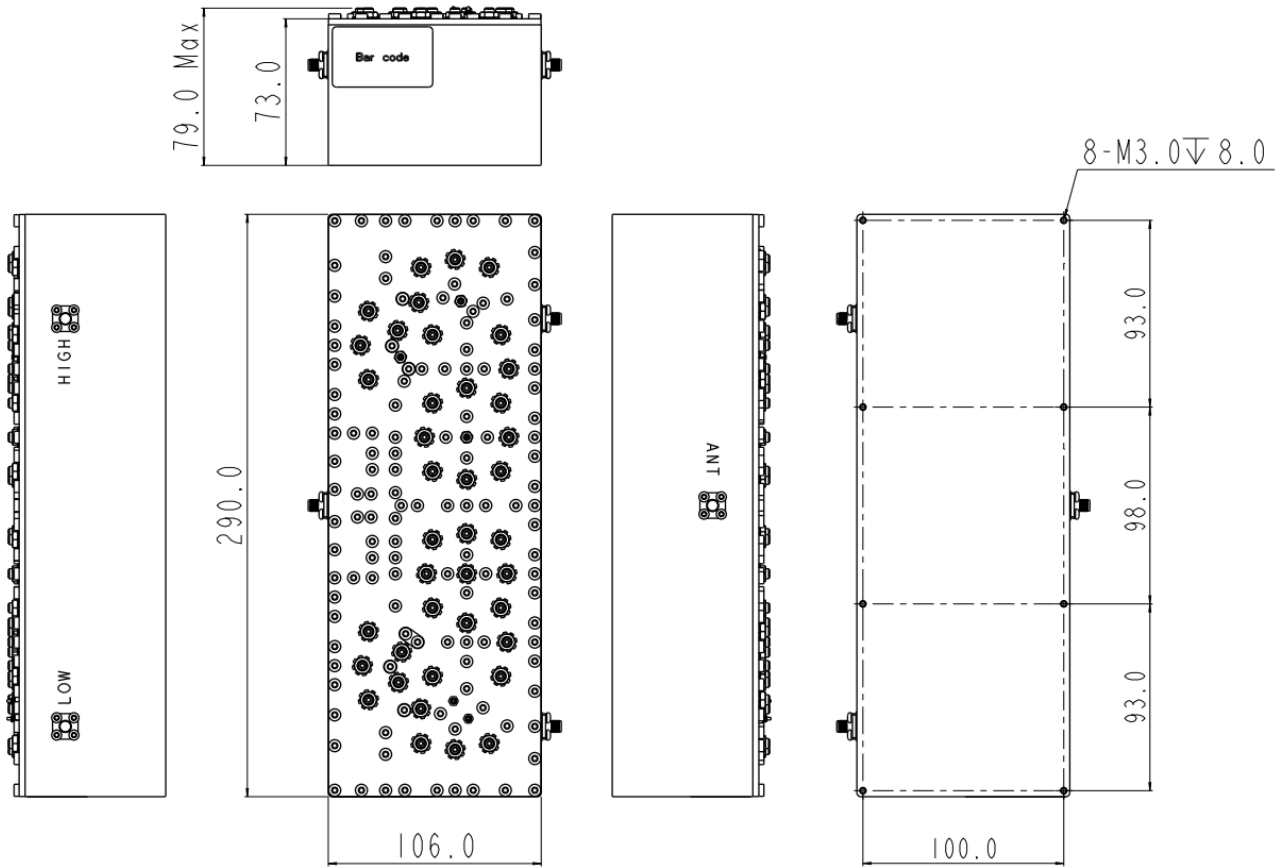
Electrical specification

Parameter	LOW		HIGH	
	380-386.5MHz	410-415MHz	390-396.5MHz	420-425MHz
Return loss(Normal temp)	≥16 dB	≥16 dB	≥16 dB	≥16 dB
Return loss(Full temp)	≥16 dB	≥16 dB	≥16 dB	≥16 dB
Insertion loss(Normal temp)	≤1.8 dB	≤1.8 dB	≤1.8 dB	≤1.8 dB
Insertion loss(Full temp)	≤2.0 dB	≤2.0 dB	≤2.0 dB	≤2.0 dB
Rejection	≥65dB@390-396.5MHz ≥65dB@420-425MHz	≥53dB @390-396.5MHz ≥65dB@420-425MHz	≥65dB@380-386.5MHz ≥60dB@410-415MHz	≥65dB@380-386.5MHz ≥65dB@410-415MHz
Power handling	20W Avg			
Impedance	50 Ω			
Operating temperature rang	-10°Cto+60°C			

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 290mm x 106mm x 73mm (79mm Max)
Mounting	Wall Mounted
Connectors	SMA-Female
Finish	Black
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

