

Cavity Duplexer

A2CDGSM18007043WP

Revision record

Date	Version	Author	Revision description	Comment
2024/09/12	V1.0	Sam	Created	/

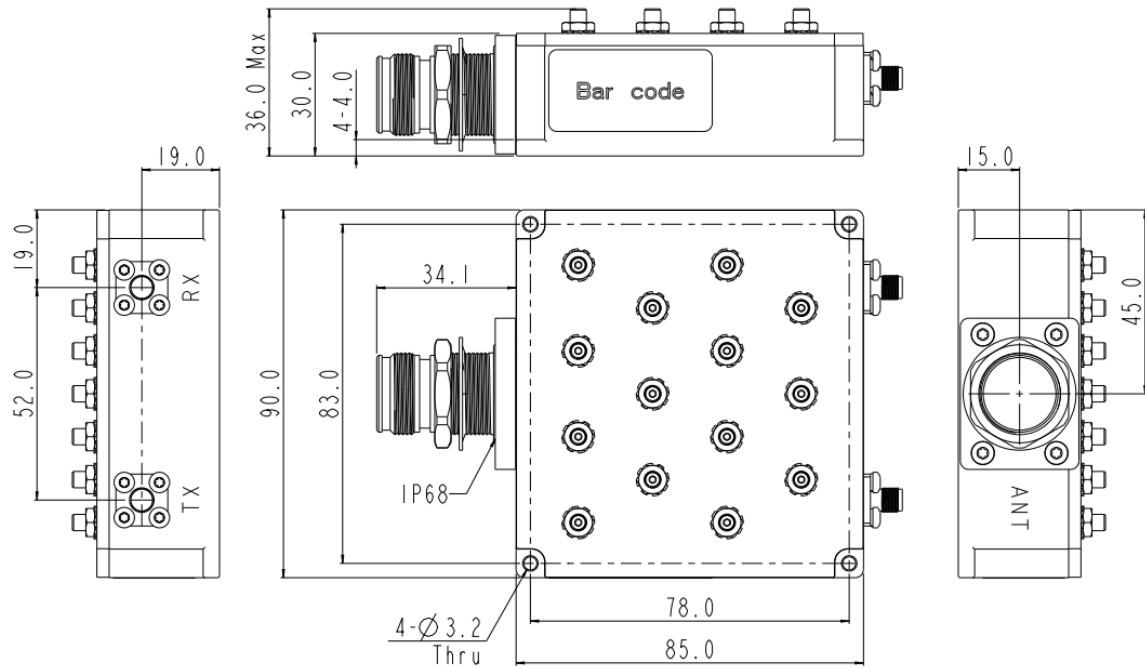
Electrical specification

Parameter	Specification	
	RX	TX
Frequency range	1710-1785MHz	1805-1880MHz
Return loss	≥16dB	≥16dB
Insertion loss	≤1.4dB	≤1.4dB
Ripple	≤1.2dB	≤1.2dB
Rejection	≥70dB@1805-1880MHz	≥70dB@1710-1785MHz
Power Handling	200W CW @ANT port	
Temperature range	30°C to +70°C	
Impedance	50Ω	

Mechanical specification

Parameter	Specification	
Dimension	L x W x H: 85mm x 90mm x 30mm (36.0mm Max)	
Connectors	ANT:4310-Female(IP68)	SMA-Female
Finish	Silver	
Notes	Material shall be RoHS 6/6	

Outline



Simulation curve

