

Cavity Duplexer

A2CD415M430M60NLP

Revision record

Date	Version	Author	Revision description	Comment
2025/03/26	V1.0	Lee	Created	/

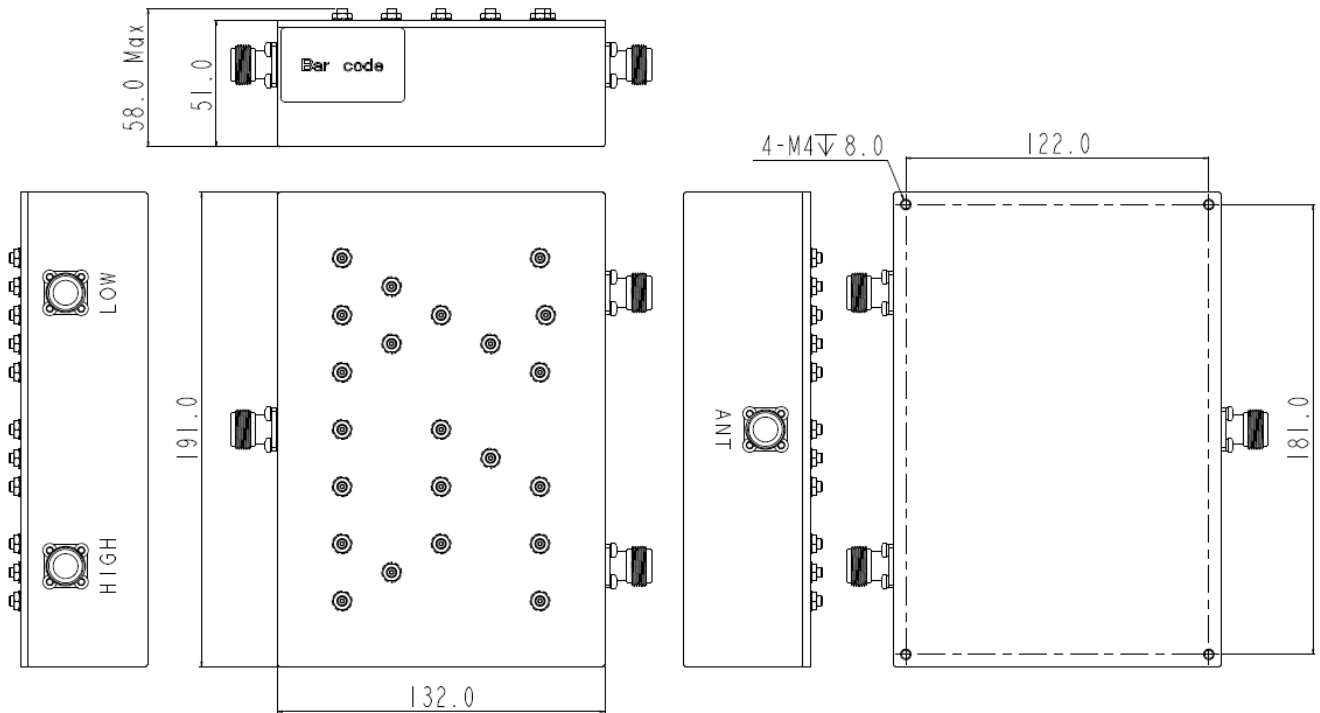
Electrical specification

Parameters	LOW	HIGH
Frequency range	415-420MHz	425-430MHz
Return loss	≥18dB	≥18dB
Insertion loss	≤1.5dB	≤1.5dB
Rejection	≥60dB@458.775MHz	≥60dB@470MHz
Isolation	≥60dB@415-420MHz&425-430MHz	
PIM3	≤-152dBc@2*33dBm	
Average power	20W	
Temperature range	-20°C to +70°C	
Impedance	50Ω	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 132mm x 191mm x 51mm (Max58)
Port connectors	NFemale
Finish	Silver
Mounting	4-M4 deep 8.0mm
Application	Indoor
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

