

Cavity Combiner

A3CC694M2700M4310F50

Revision record

Date	Version	Author	Revision description	Comment
2025/08/12	V1.0	Vivian	Created	/

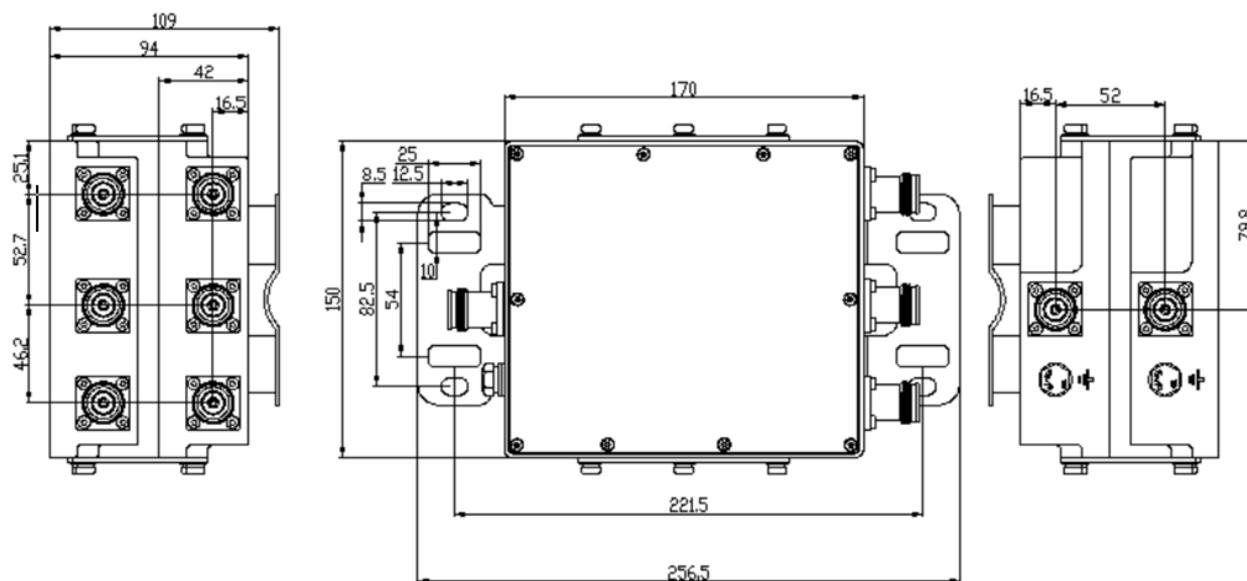
Electrical specification

Parameter	Specification		
Frequency Range	Port1	Port2	Port3
	694MHz~960MHz	1427MHz~1518MHz	1710MHz~2700MHz
Insertion loss	≤0.4 dB		
Isolation	≥50dB		
Return loss/VSWR	≤-19dB/1.25		
Intermodulation	≤-155 (with 2×20W)		
Input Power	≤200 W(avg.)		
Impedance	50Ω		
DC/AISG	By-pass(max.3000mA)		
Lightning protection	10KA; 10/350μs pulse		
Operational Temperature	-20°C to +65°C		
Storage temperature	-40°C to +85°C		

Mechanical specification

Parameter	Specification
Dimension	170x150x94mm
Connector Type	4.3-10 Female
Relative humidity	5% - 95%
Application	Indoor or outdoor (IP67)
Notes	Material shall be RoHS 6/6

Outline



Schematic diagram

