

Two-TETRA-Station Combiner

A2CCxxMxxM75N

Revision record

Date	Version	Author	Revision description	Comment
2025/11/24	V1.0	Sam	Created	/

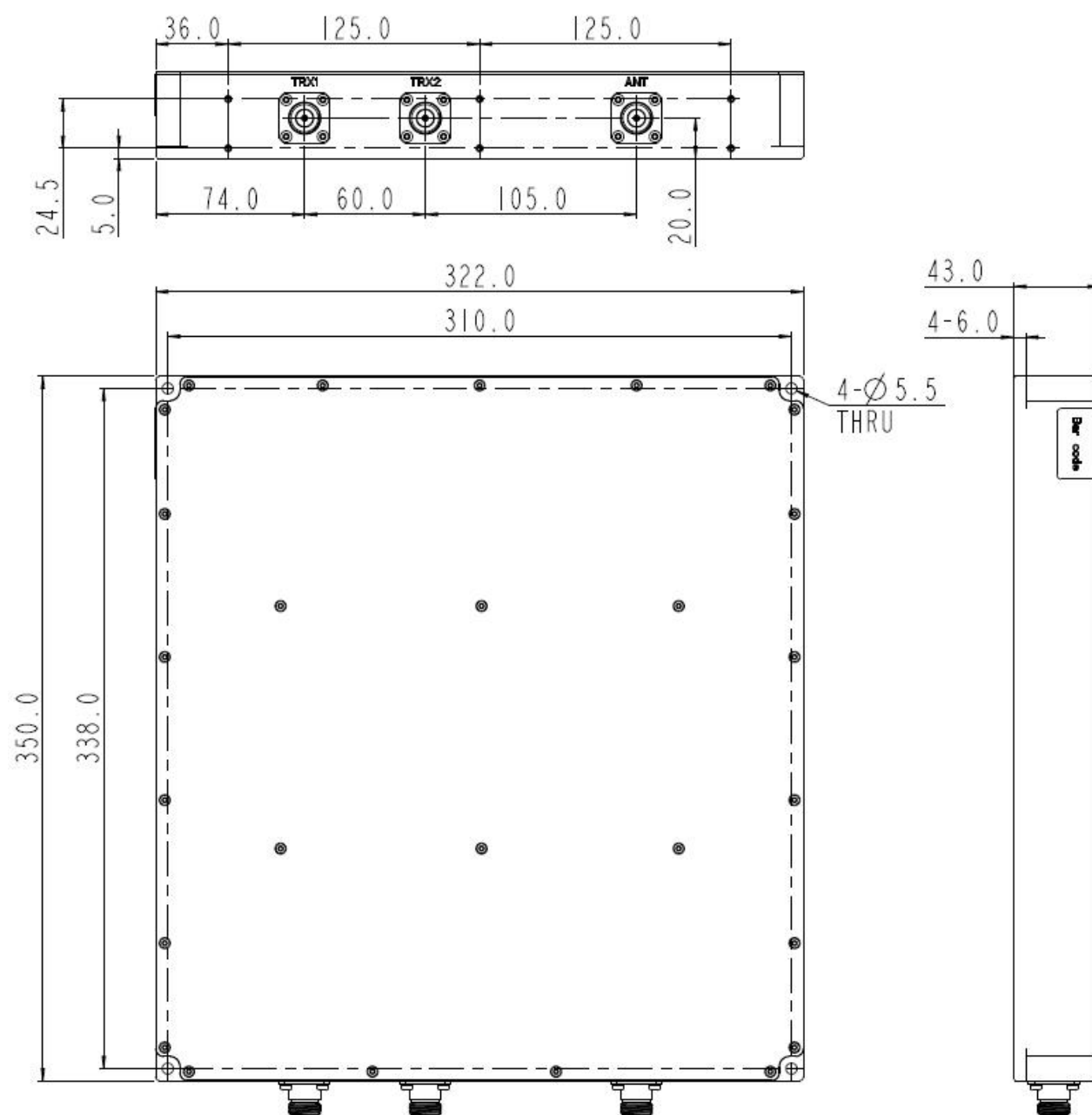
Electrical specification

		Tx (Frequency)	Rx (Frequency)
Model Number	A2CC380M395M75N	380-385MHz	390-395MHz
	A2CC405M420M75N	405-410MHz	415-420MHz
	A2CC410M425M75N	410-415MHz	420-425MHz
	A2CC415M430M75N	415-420MHz	425-430MHz
	A2CC420M435M75N	420-425MHz	430-435MHz
	A2CC425M440M75N	425-430MHz	435-440MHz
	A2CC430M445M75N	430-435MHz	440-445MHz
	A2CC435M450M75N	435-440MHz	445-450MHz
	A2CC440M455M75N	440-445MHz	450-455MHz
	A2CC445M460M75N	445-450MHz	455-460MHz
	A2CC450M465M75N	450-455MHz	460-465MHz
	A2CC455M470M75N	455-460MHz	465-470MHz
Insertion loss		≤6.0dB	
Return loss		≥18dB	
Isolation TRx-TRx		≥75dB@Tx-Tx ≥75dB@Rx-Rx ≥75dB@Tx-Rx/Rx-Tx	
Max. Input power		25W per port	
Impedance all port		50Ω	

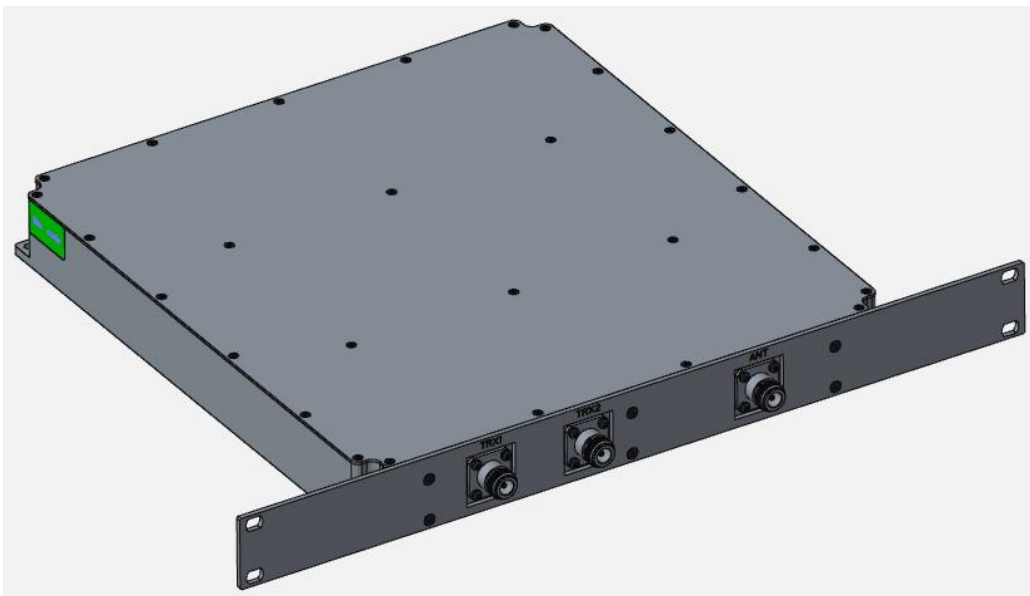
Mechanical specification

Parameter	Specification
Dimension	L x W x H: 330mm x 350mm x 43mm
Connectors	N-Female (or SMA-Female or 4.3-10Female)
Finish	Gray
Water Tolerance	IP62
Notes	Material shall be RoHS 6/6

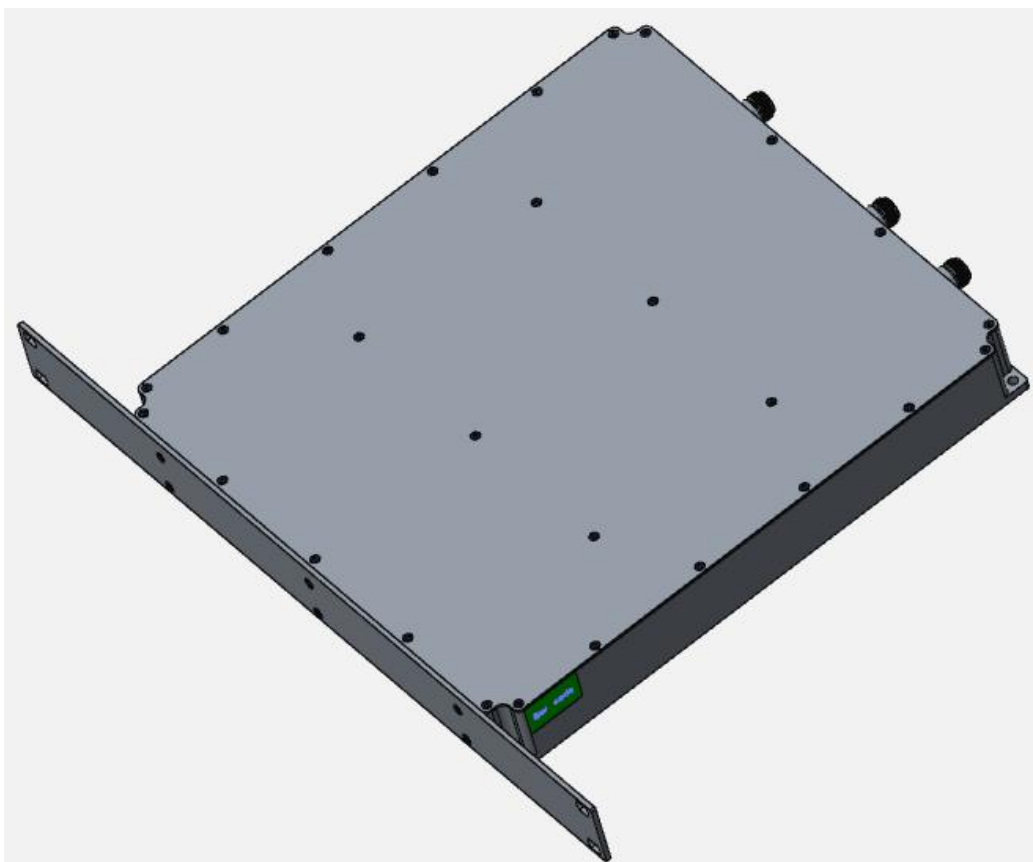
Outline



19" Front plate with connectors in front

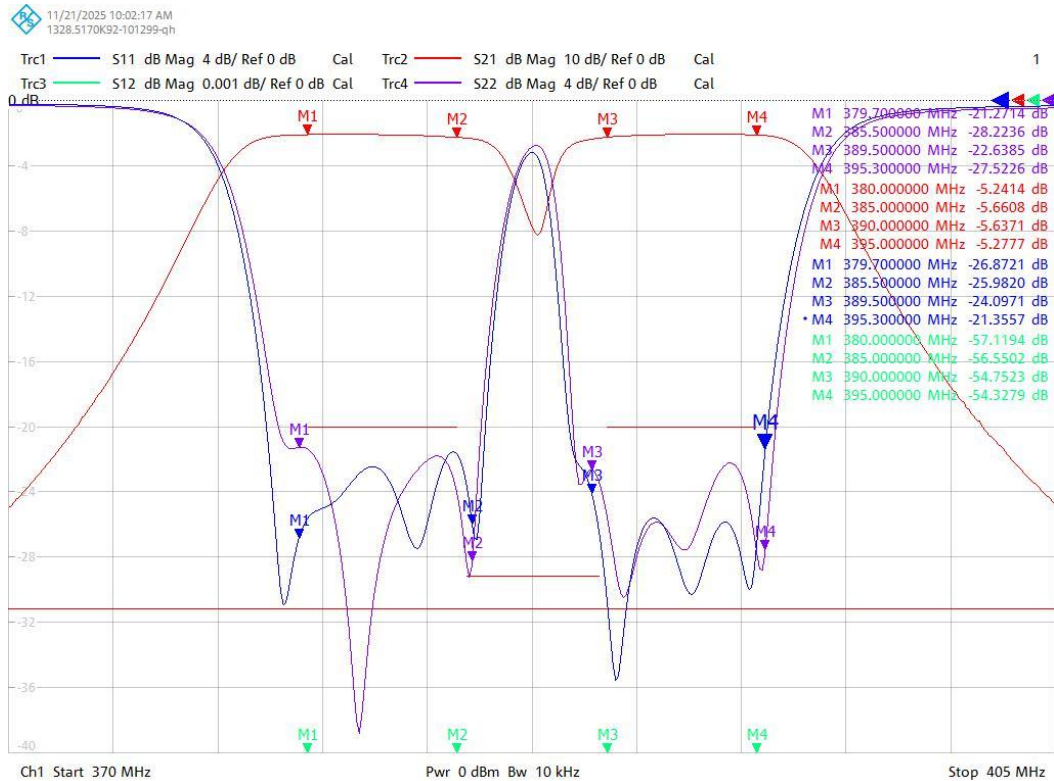


19" Front plate with connectors in back

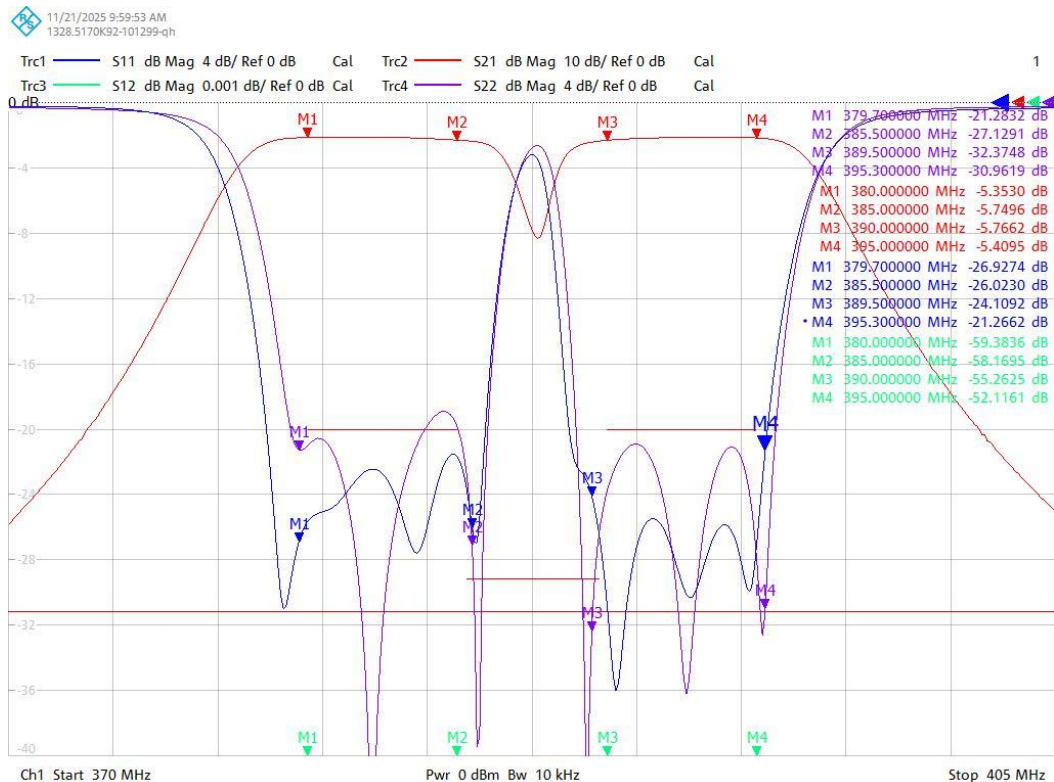


Test curve

Insertion loss & Return loss TRx1 port



Insertion loss & Return loss TRx2 port



Isolation TRx1 port - TRx2 port

