MATSING®

LENS TECHNOLOGY ENABLED

MS-MBC-6-H4-8

Instruction Manual

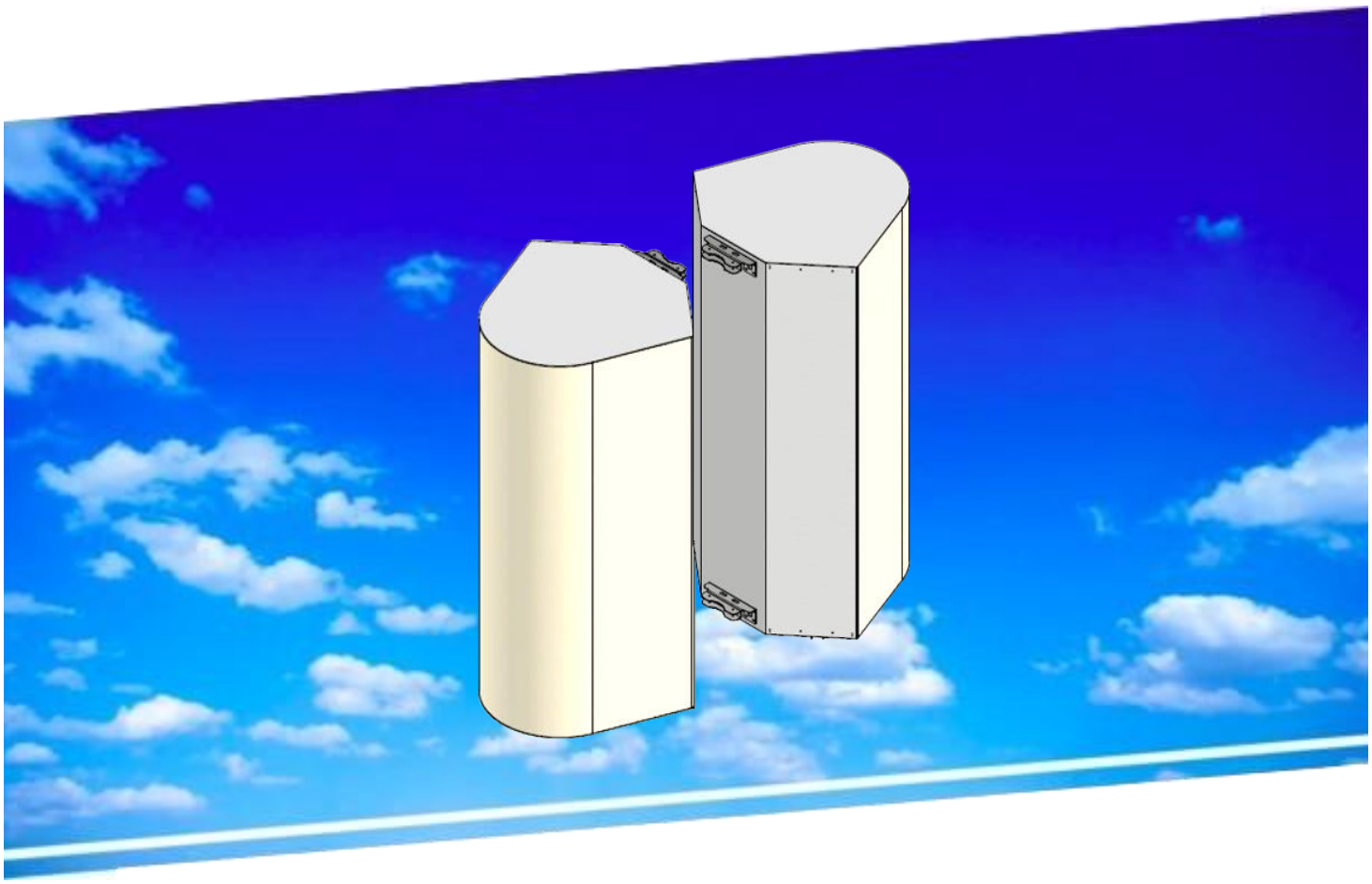

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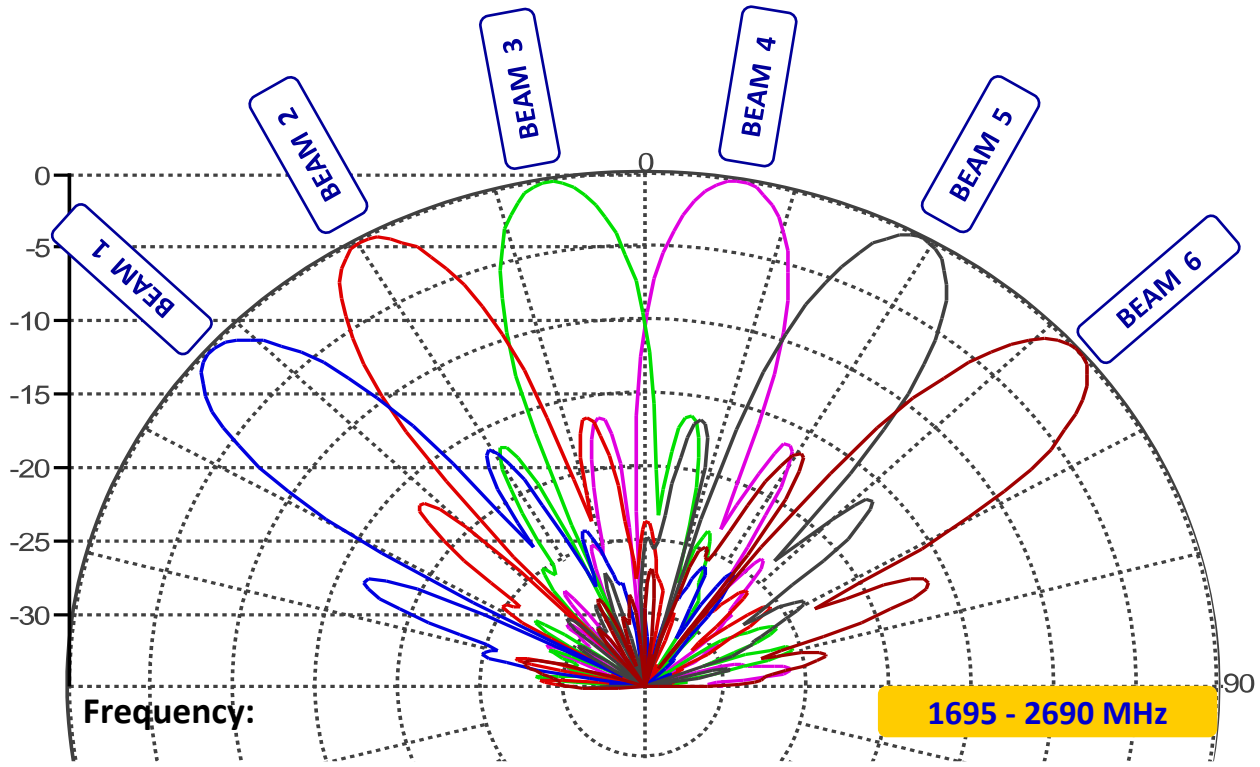
Table of Contents

Revision History:

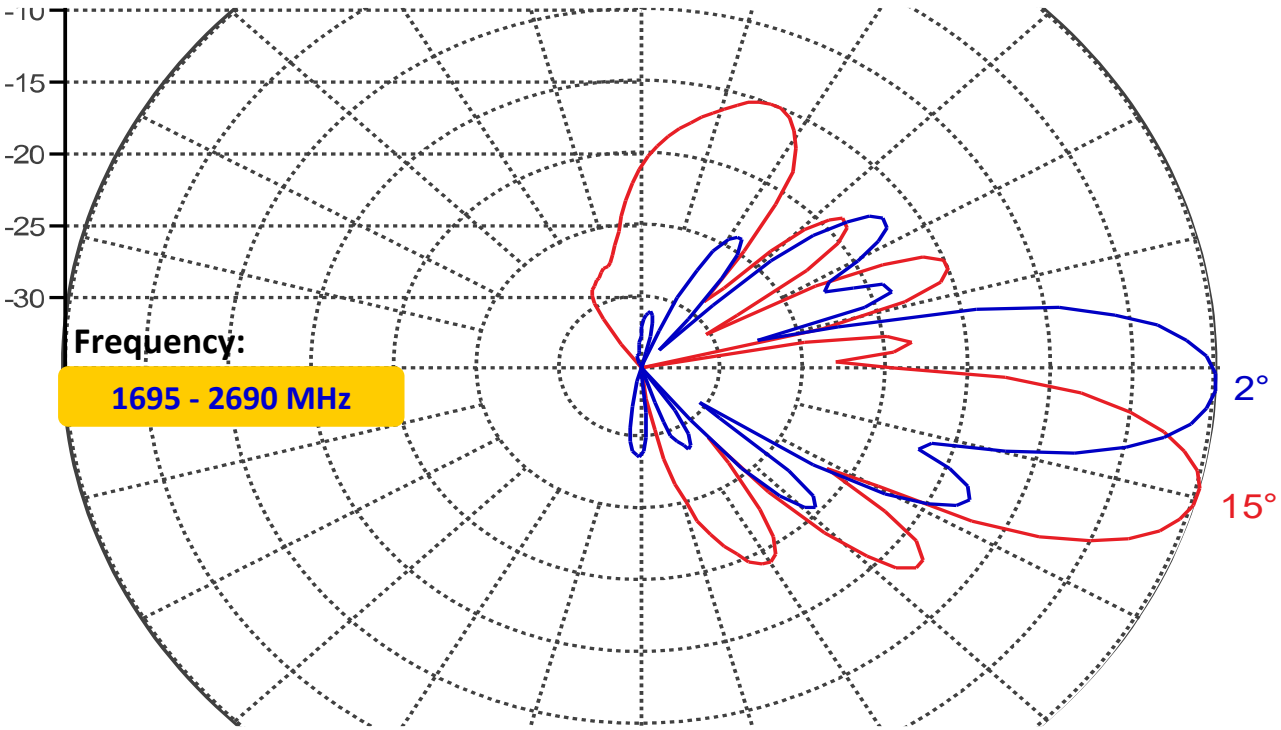
Date	*Description*	*Rev By*	*Check By*	*Rev no*
20-Apr-2026	*Initial Release*	*RL*	*Pavel*	*0*
22-Apr-2026	*Revised Connector layout with Bias-T and beam direction*	*RL*	*Pavel*	*1*

1.00 Pattern diagram

1.10 Horizontal pattern

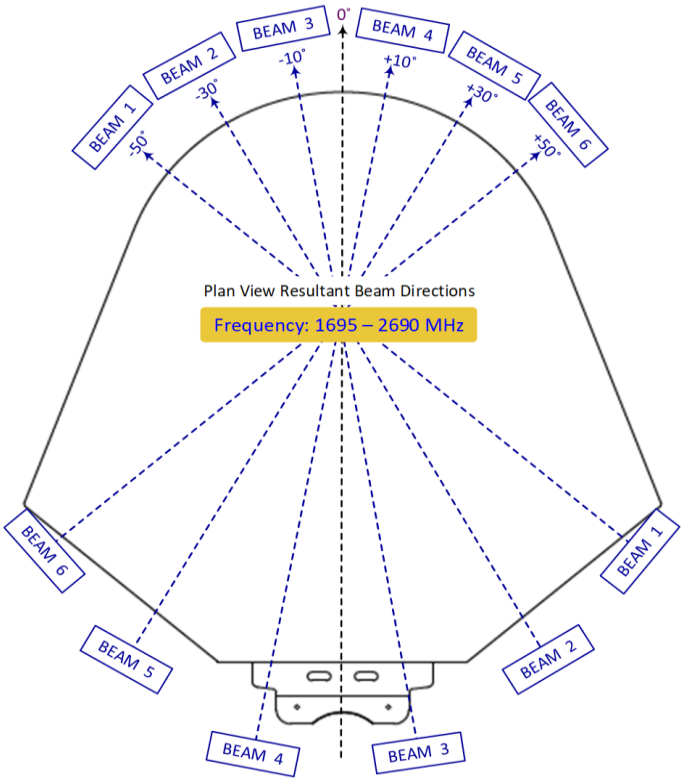


2.20 Vertical Pattern



2.00 Beams and connectors

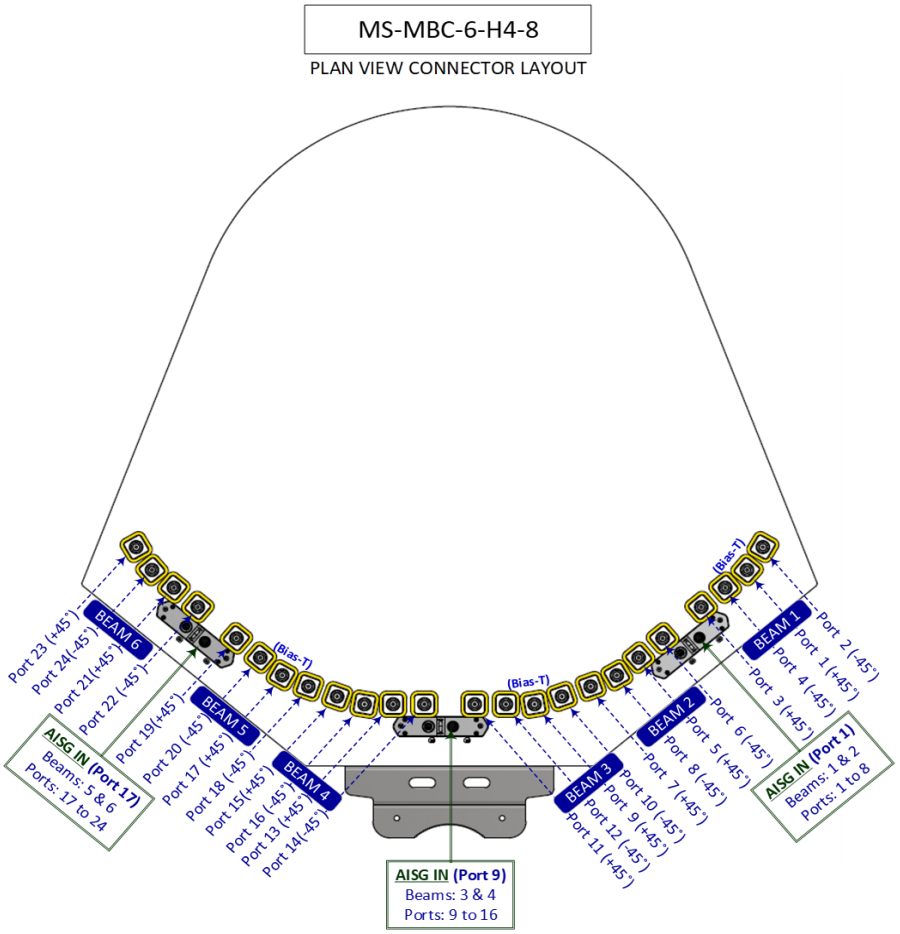
2.10 Plan view resultant beam layout



2.20 Connector port table

BEAM 6	BEAM 5	BEAM 4	BEAM 3	BEAM 2	BEAM 1
Port 21 (+45°)	Port 17 (+45°)	Port 13 (+45°)	Port 9 (+45°)	Port 5 (+45°)	Port 1 (+45°)
Port 22 (-45°)	Port 18 (-45°)	Port 14 (-45°)	Port 10 (-45°)	Port 6 (-45°)	Port 2 (-45°)
Port 23 (+45°)	Port 19 (+45°)	Port 15 (+45°)	Port 11 (+45°)	Port 7 (+45°)	Port 3 (+45°)
Port 24 (-45°)	Port 20 (-45°)	Port 16 (-45°)	Port 12 (-45°)	Port 8 (-45°)	Port 4 (-45°)

2.30 Connector layout



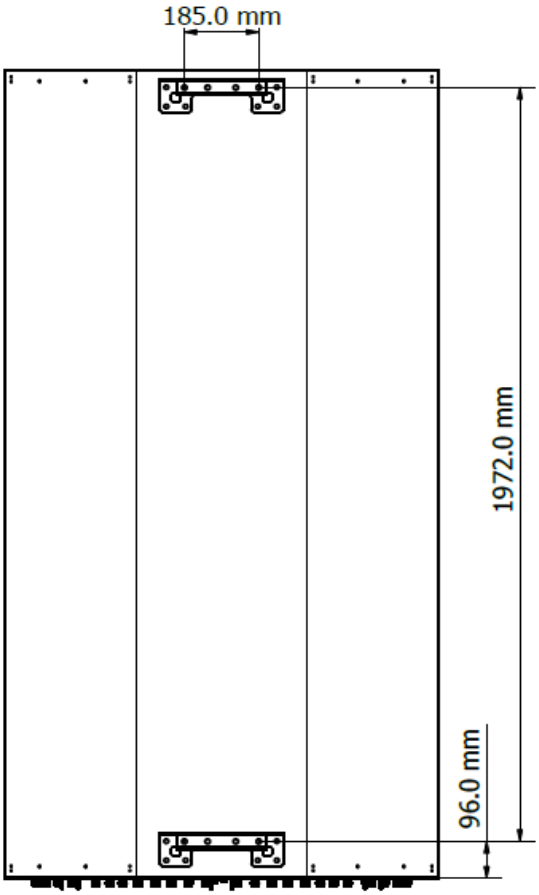
3.00 Bracket installation

3.10 Bolts and nuts / tools

Bracket	Bolts		Nuts	
Qty	Size	Qty	Size	Qty
2	M12 x 200mm	4	M12	10

3.11 Bolt and nuts set

3.30 Bracket spacing and installation sample

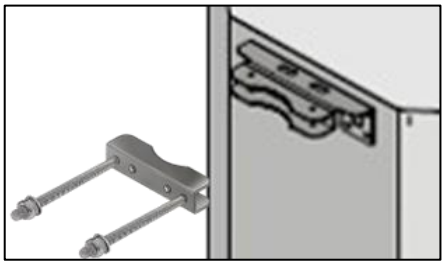


3.12 Bracket

3.20 Tools requirement

M12 spanner

Adjustable spanner



Before installation