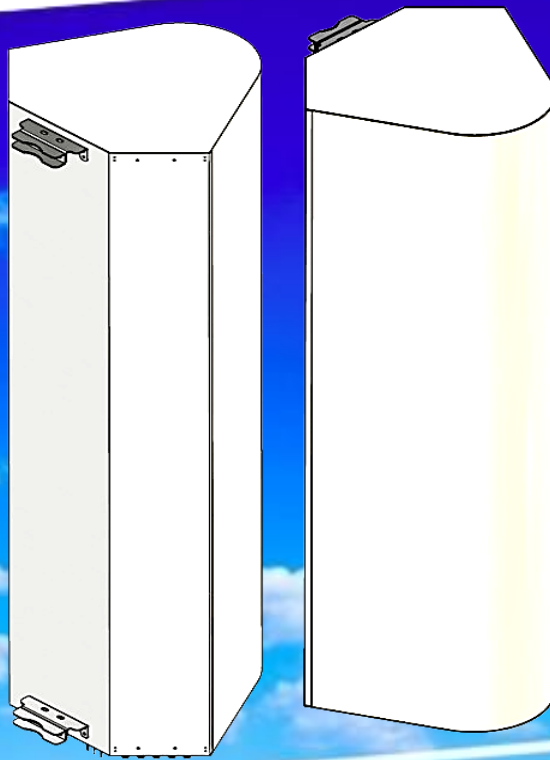


# MATSING<sup>®</sup>

LENS TECHNOLOGY ENABLED

## MS-MBC-4.2-H4-8-L4-16

Instruction Manual



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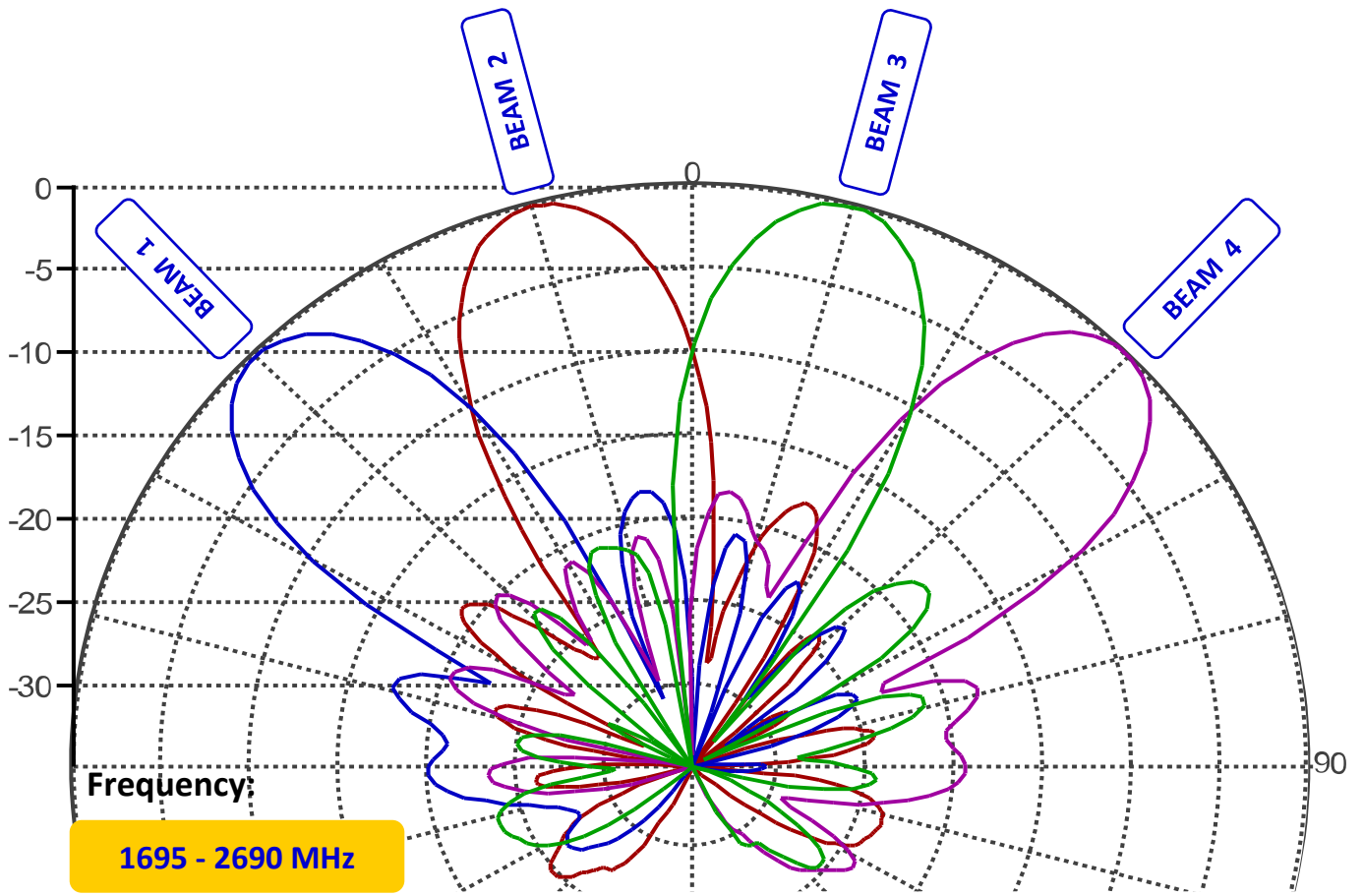
### Revision History:

<u>Date</u>	<u>Description</u>	<u>Rev By</u>	<u>Check By</u>	<u>Rev no</u>
06-Feb-2025	Initial Release	RL	Pavel	0

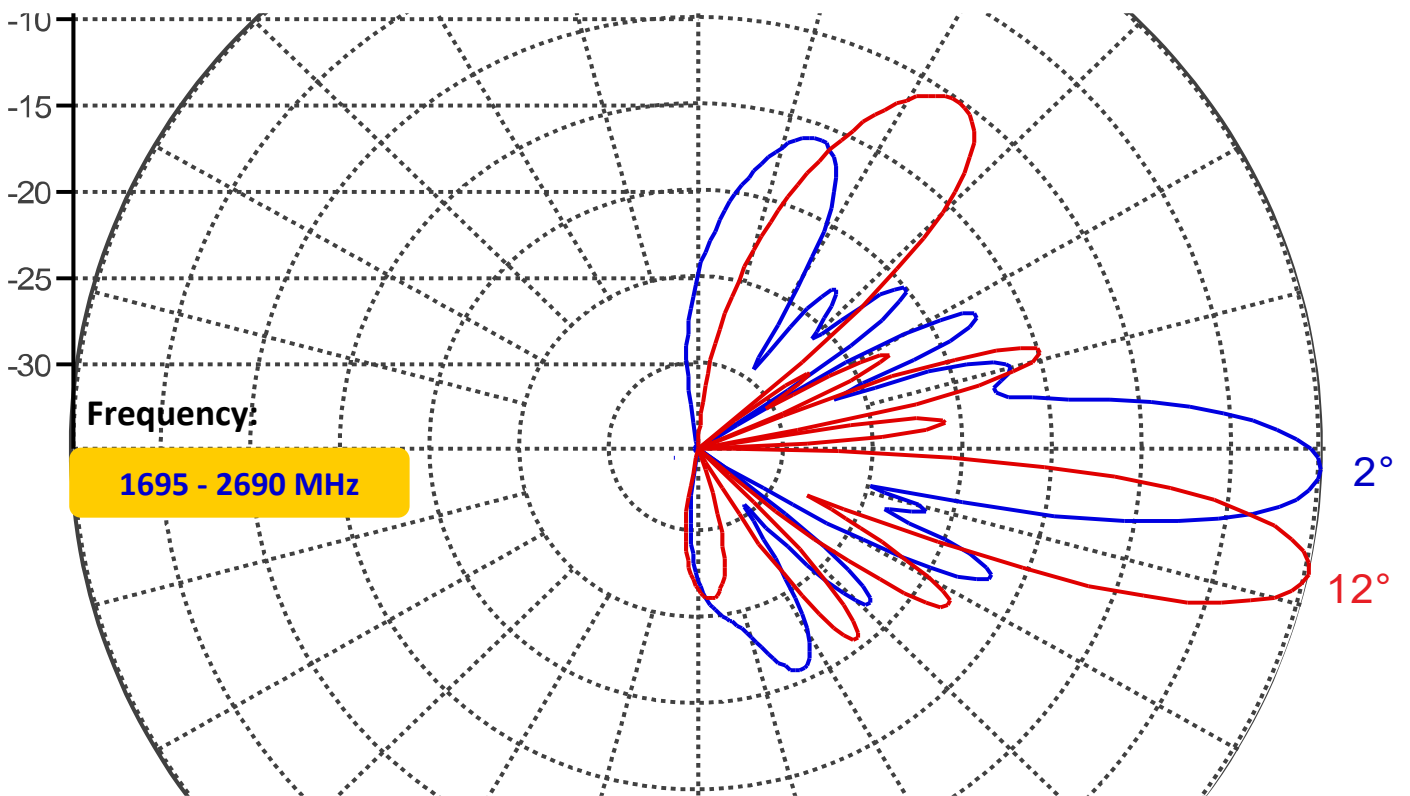
# 1.00 Pattern diagram

1.10 High band

1.11 Horizontal pattern

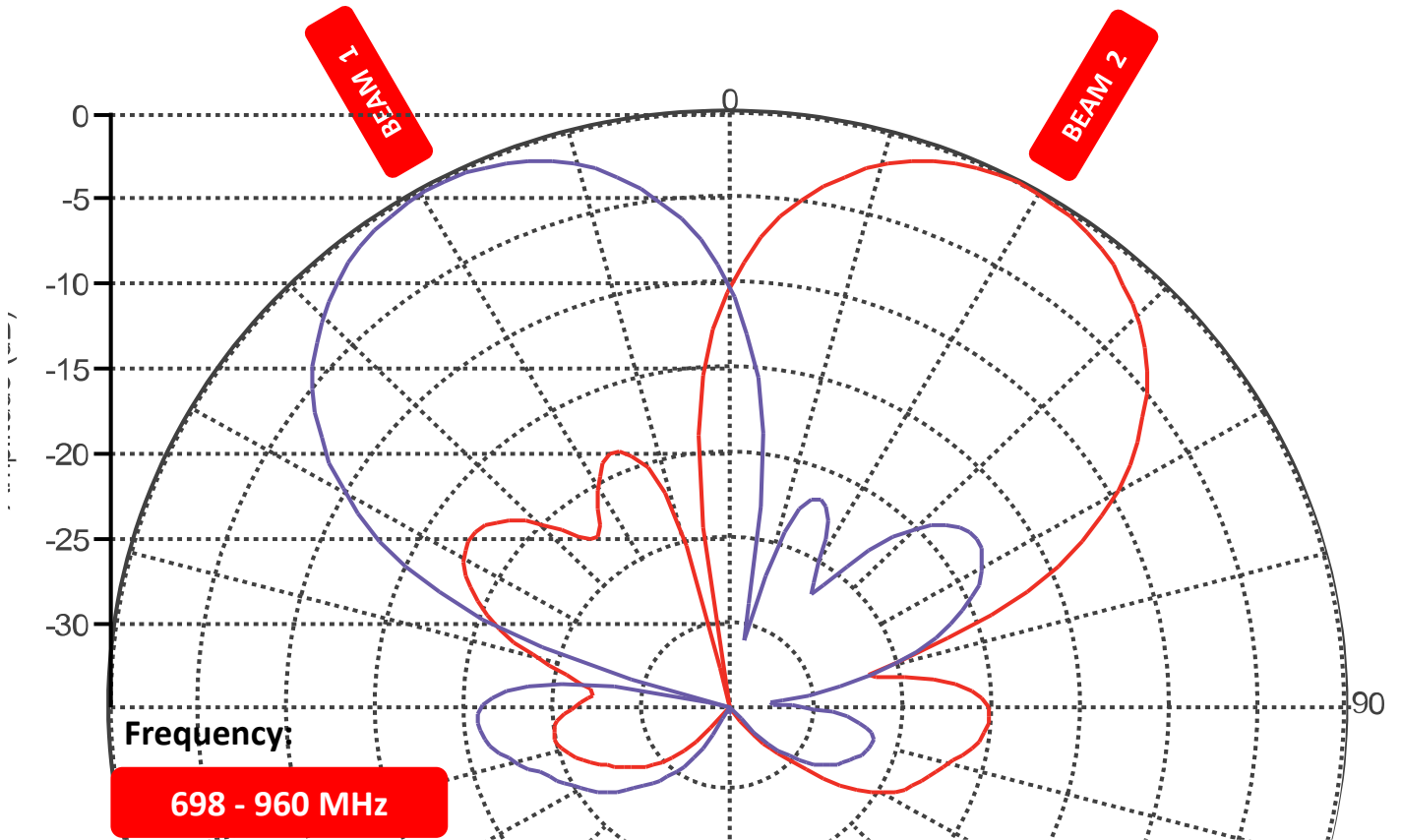


1.12 Vertical pattern

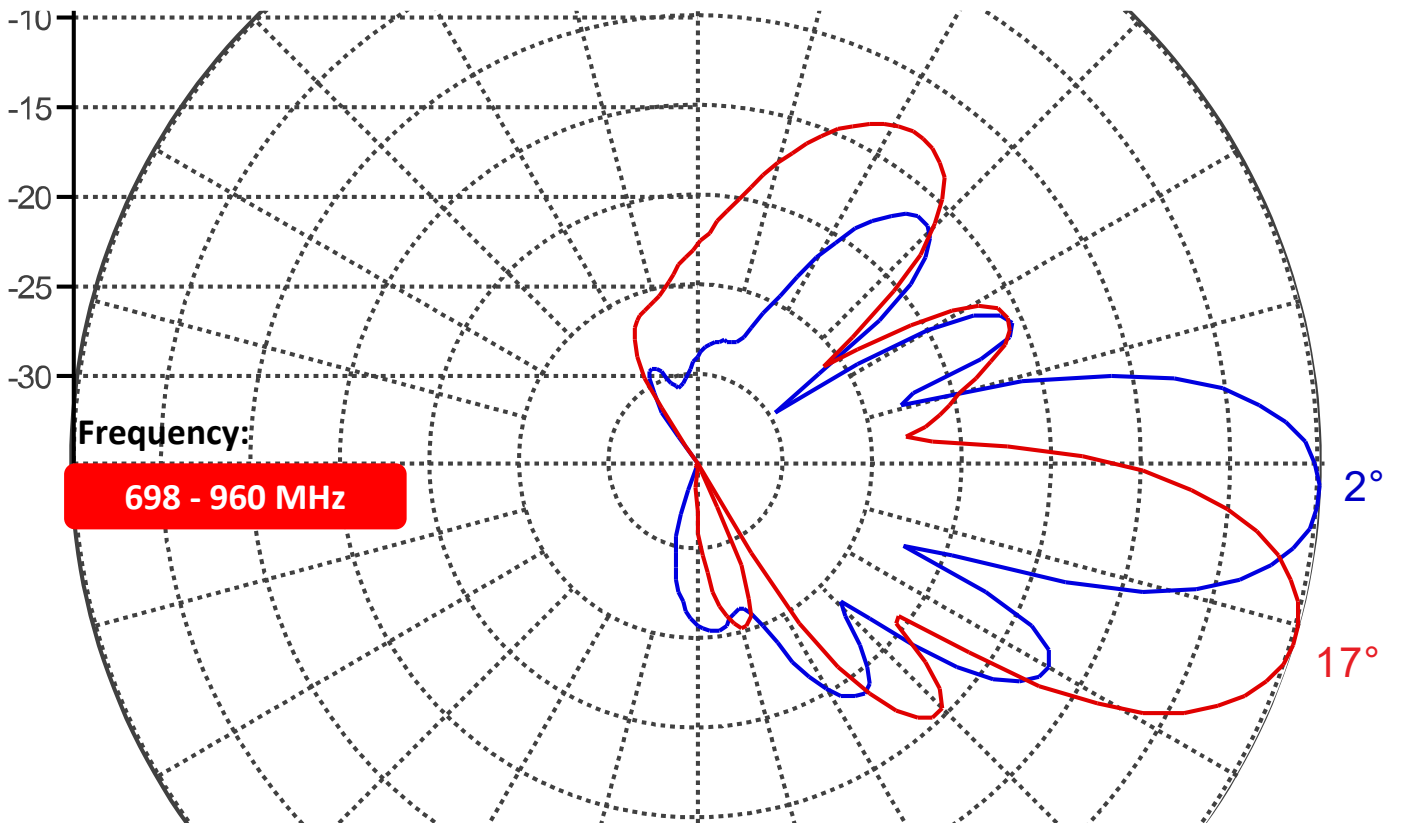


1.20 Low band

1.21 Horizontal pattern

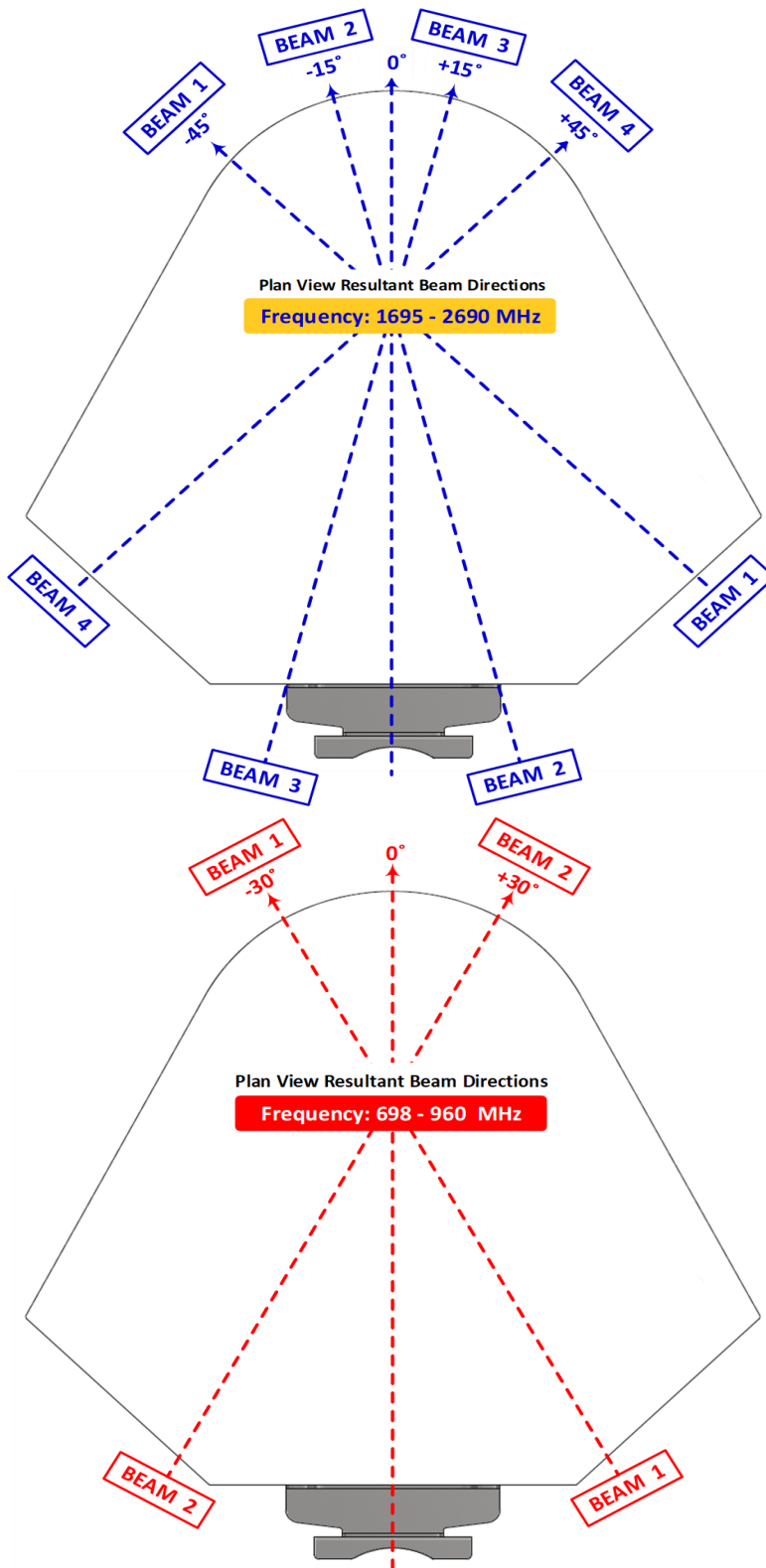


1.22 Vertical pattern



## 2.00 Beams and connectors

### 2.10 Plan view resultant beam layout

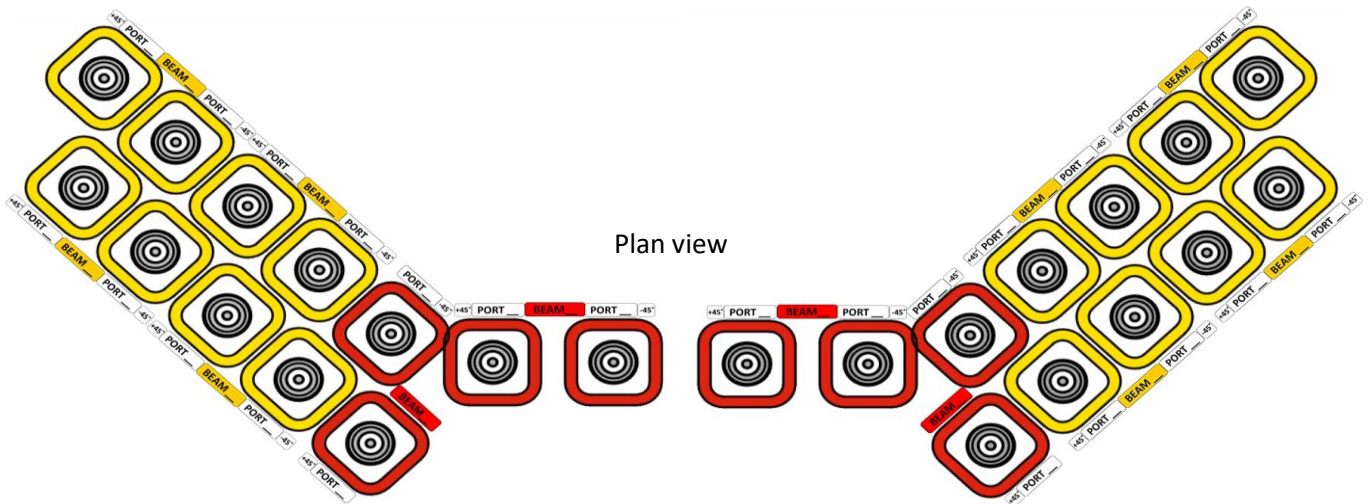


### 2.20 Connector port table

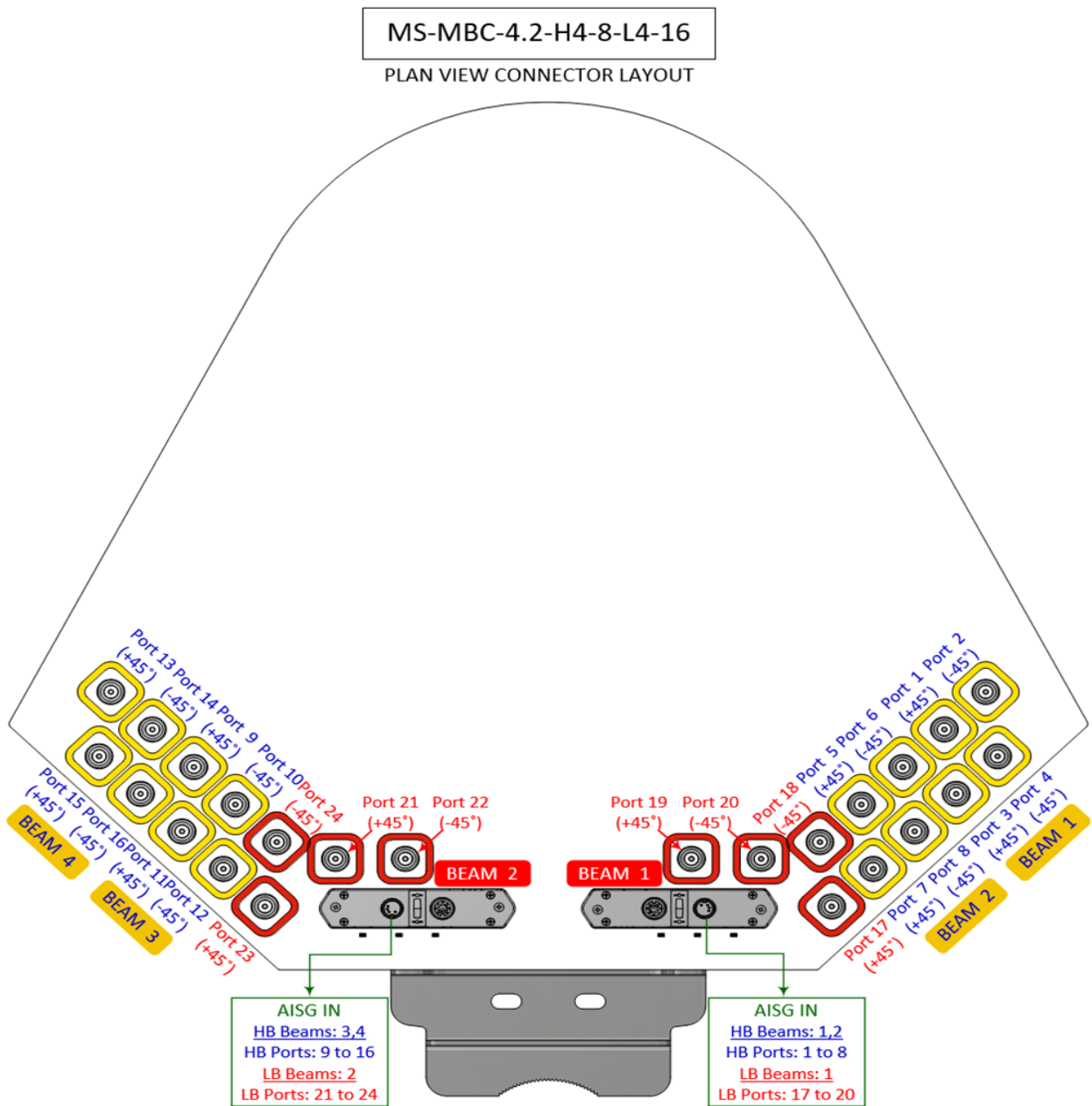
BEAM 4		BEAM 3		BEAM 2		
Port 13 (+45°)	Port 14 (-45°)	Port 9 (+45°)	Port 10 (-45°)	Port 24 (-45°)	Port 21 (+45°)	Port 22 (-45°)
Port 15 (+45°)	Port 16 (-45°)	Port 11 (+45°)	Port 12 (-45°)	Port 23 (+45°)		

BEAM 1			BEAM 2		BEAM 1	
Port 19 (+45°)	Port 20 (-45°)	Port 18 (-45°)	Port 5 (+45°)	Port 6 (-45°)	Port 1 (+45°)	Port 2 (-45°)
		Port 17 (+45°)	Port 7 (+45°)	Port 8 (-45°)	Port 3 (+45°)	Port 4 (-45°)

### 2.30 Connector detail



### 2.40 Connector layout





### 3.00 Bracket installation

3.10 Bolts and nuts / Tools

3.11 Bolts and nuts



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

3.12 Bracket



3.20 Tools requirement

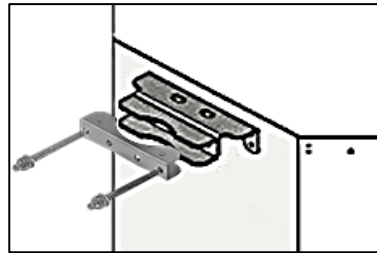
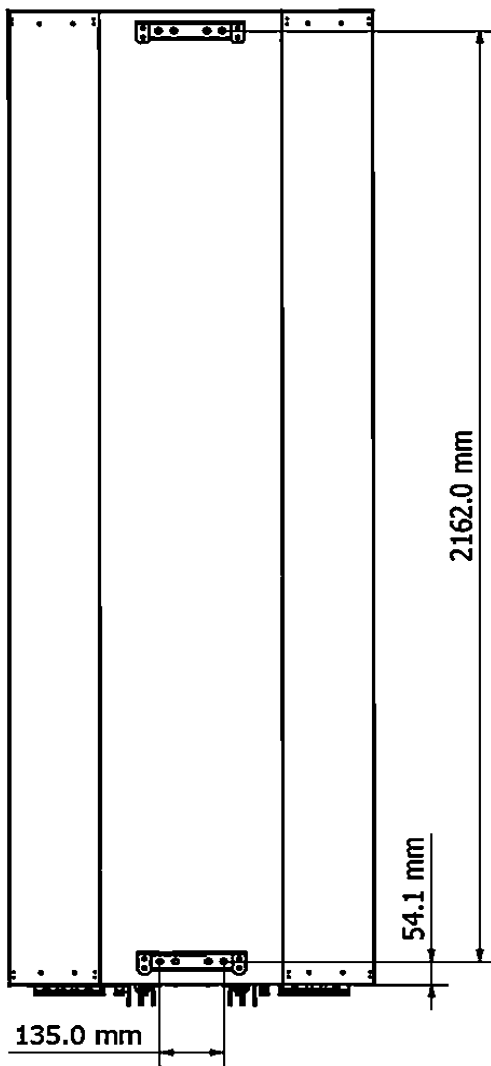
3.21 Adjustable spanner



3.22 M12 spanner



3.30 Bracket spacing and installation sample



*Before installation*

