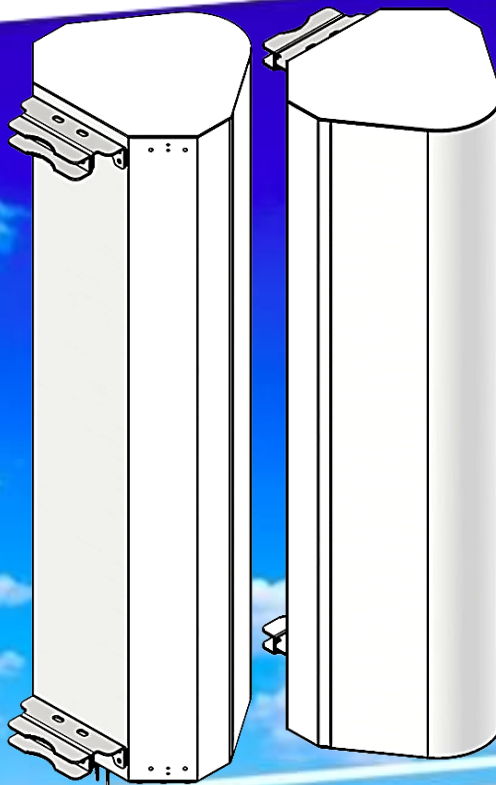


# **MATSING<sup>®</sup>**

*LENS TECHNOLOGY ENABLED*

## **MS-MBC-4-C4-6**

### **Instruction Manual**



# Table of Contents

## 1.00 Pattern diagram

- 1.10 Horizontal pattern
- 1.20 Vertical pattern

## 2.00 Beams and connectors

- 2.10 Plan view resultant beam layout
- 2.20 Connector layout
- 2.30 Connector port table
- 2.40 Connector detail

## 3.00 Bracket installation

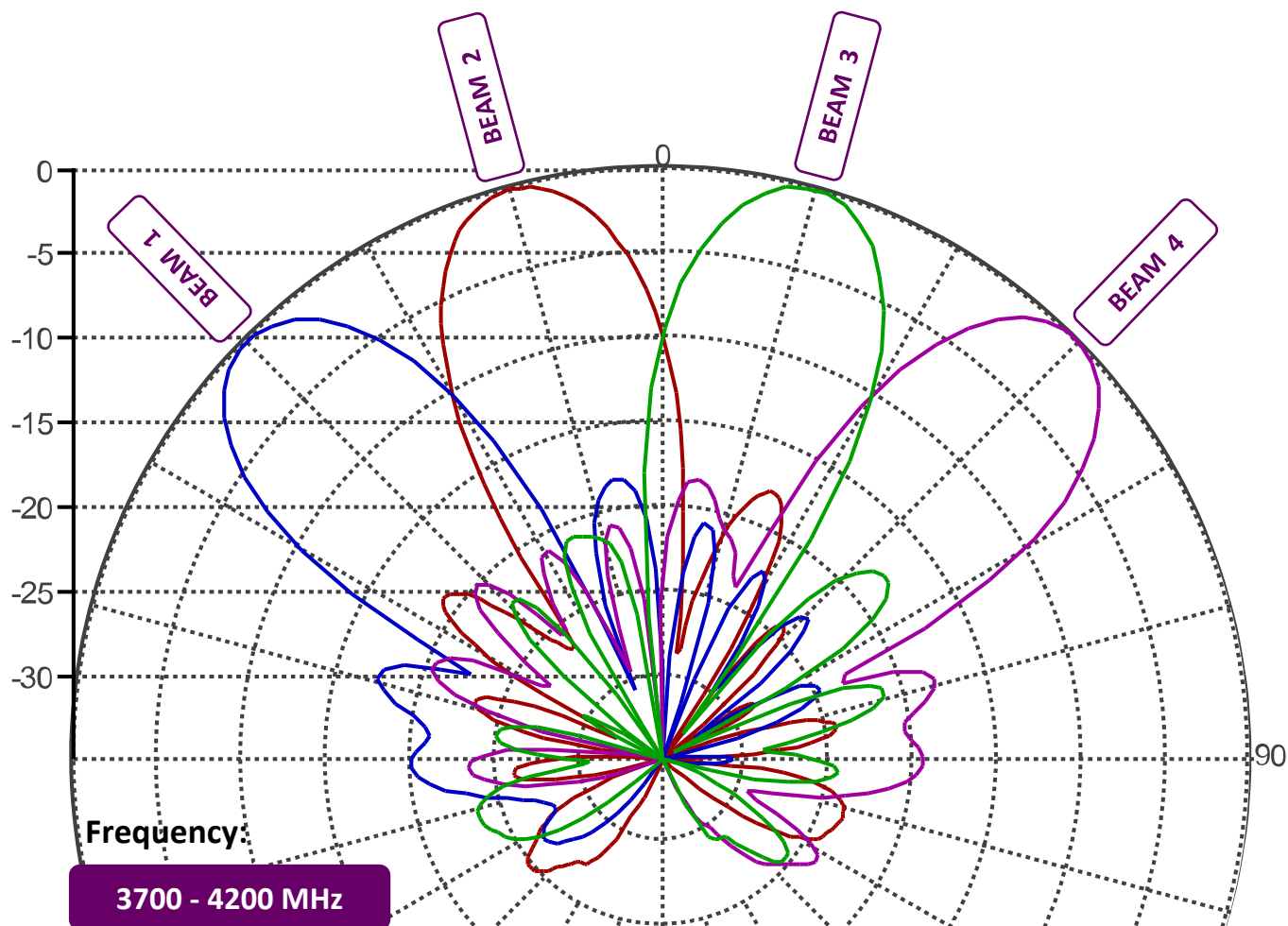
- 3.10 Bolts and nuts / tools
  - 3.11 Bolt and nuts set
  - 3.12 Bracket
- 3.20 Tools requirement
- 3.30 Bracket spacing and installation sample

### Revision History:

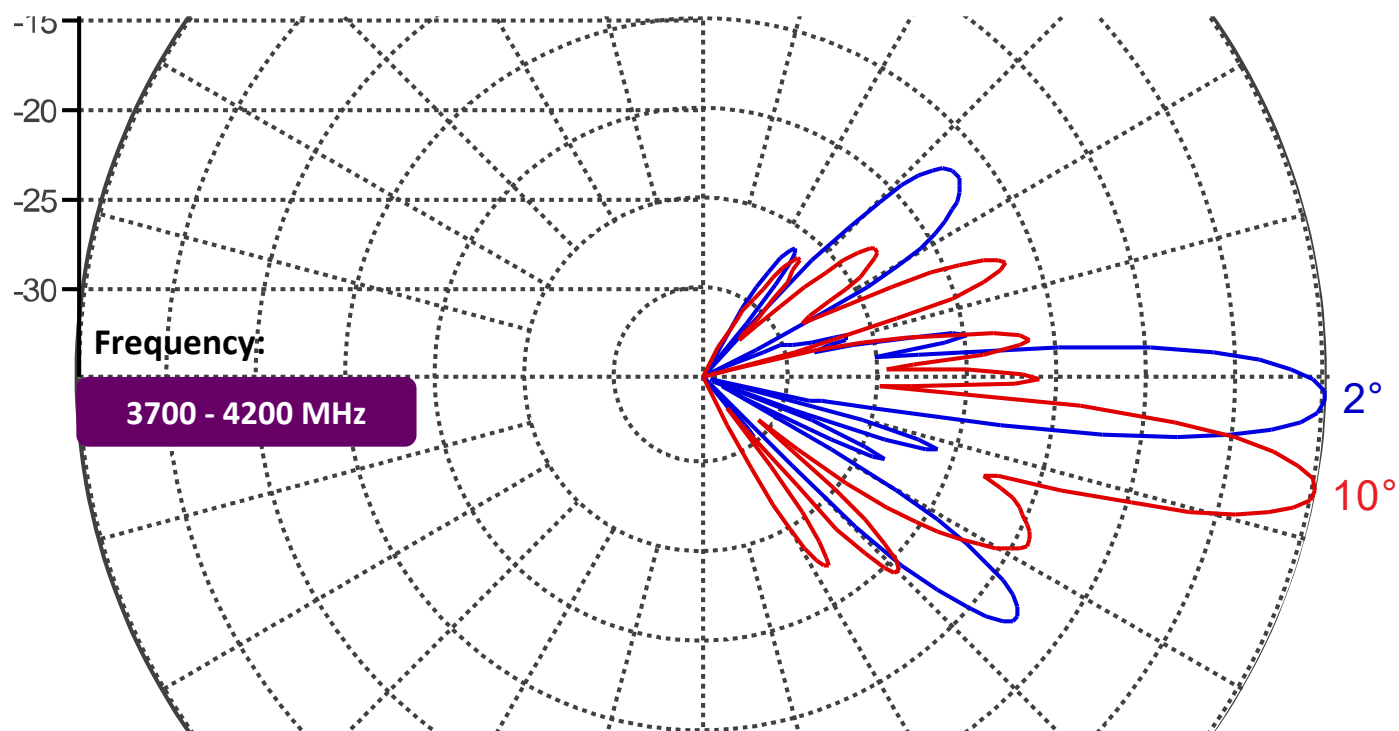
| <u>Date</u> | <u>Description</u> | <u>Rev By</u> | <u>Check By</u> | <u>Rev no</u> |
|-------------|--------------------|---------------|-----------------|---------------|
| 03-Apr-2025 | Initial Release    | RL            | Pavel           | 0             |
|             |                    |               |                 |               |

## 1.00 Pattern diagram

### 1.10 Horizontal pattern

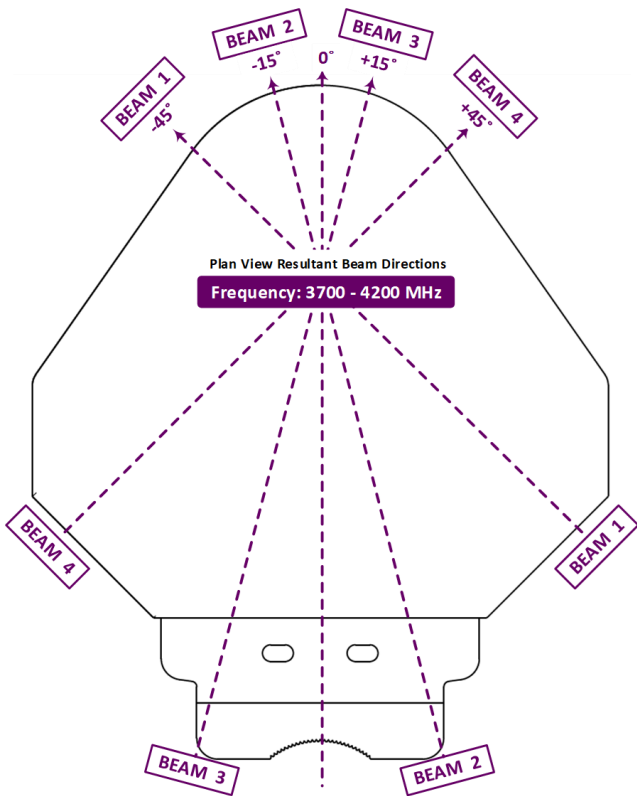


### 1.20 Vertical pattern

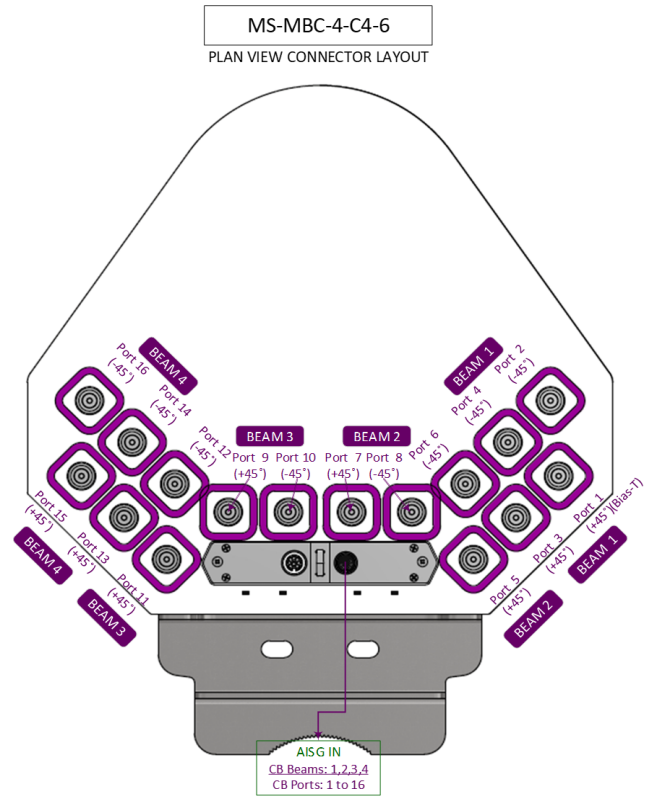


2.00 Beams and connectors

2.10 Plan view resultant beam layout



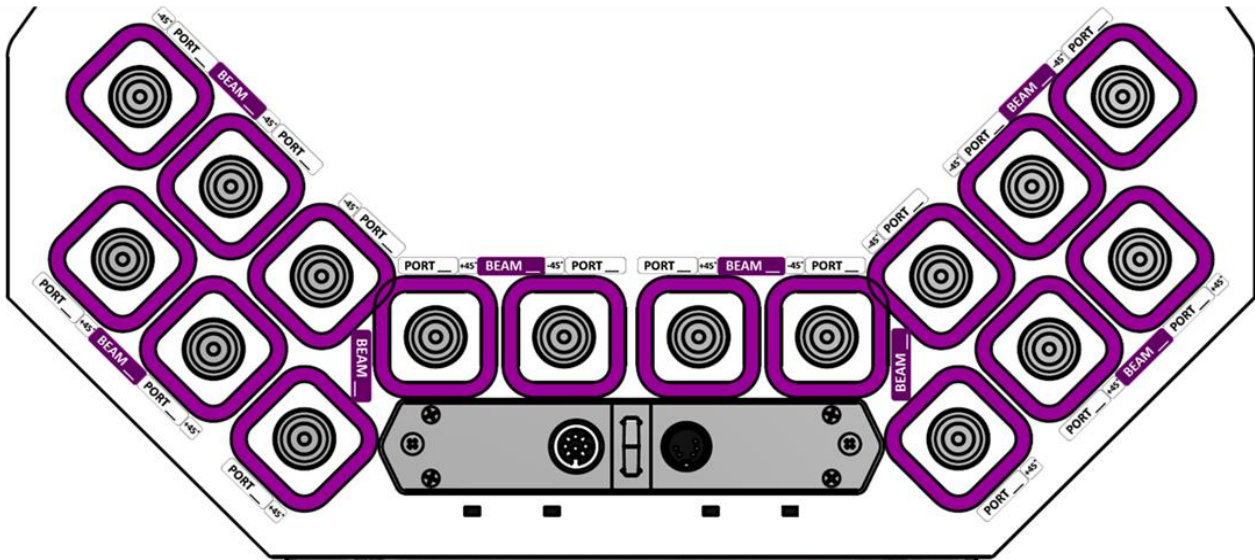
2.20 Connector layout



2.30 Connector port table

| BEAM 4            |                   | BEAM 3            |                  |                   | BEAM 2           |                  |                  | BEAM 1           |                  |
|-------------------|-------------------|-------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| Port 16<br>(-45°) | Port 14<br>(-45°) | Port 12<br>(-45°) | Port 9<br>(+45°) | Port 10<br>(-45°) | Port 7<br>(+45°) | Port 8<br>(-45°) | Port 6<br>(-45°) | Port 4<br>(-45°) | Port 2<br>(-45°) |
| Port 15<br>(+45°) | Port 13<br>(+45°) | Port 11<br>(+45°) |                  |                   |                  |                  | Port 5<br>(+45°) | Port 3<br>(+45°) | Port 1<br>(+45°) |

2.40 Connector detail



### 3.00 Bracket installation

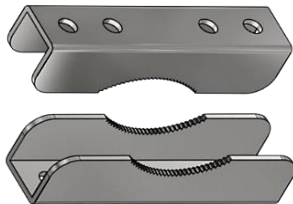
#### 3.10 Bolts and nuts / tools

##### 3.11 Bolt and nuts set



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

##### 3.12 Bracket



##### 3.20 Tools requirement

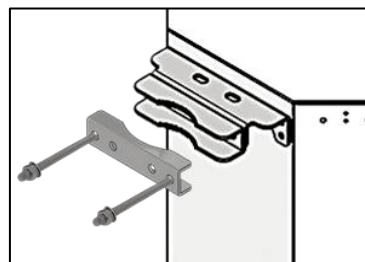
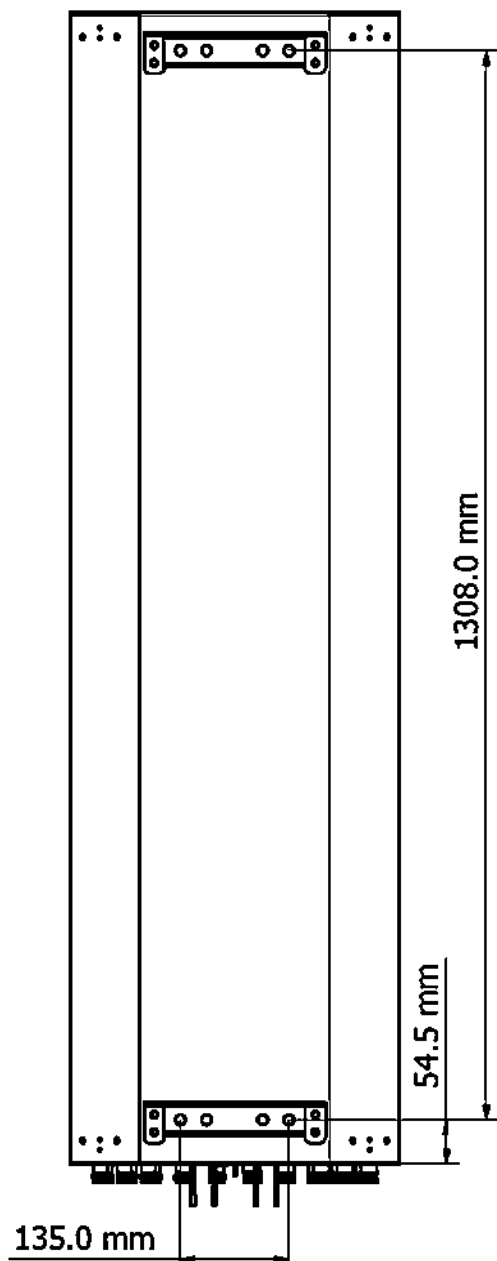
Adjustable spanner



M12 spanner



##### 3.30 Bracket spacing and installation sample



*Before  
installation*

