

Date	Prepared by	Approved by	Document nos	Rev
1 Dec 2020	Ray Ling	Pavel	MBA-LP6H4-30i-IM-001	0

INSTRUCTION MANUAL MS-LP-6-H4-30i

TABLE OF CONTENTS:

1.00 BEAMS & CONNECTORS:

- 1.10 Plan View Resultant Beam & Connector Layout
- 1.20 Connector Ports Table
- 1.30 Connector Detail

2.00 PATTERN DIAGRAM

- 2.10 Frequency: 1695 - 2690 MHz
 - 2.11 Horizontal Pattern
 - 2.12 Vertical Pattern

3.00 BRACKET INSTALLATION

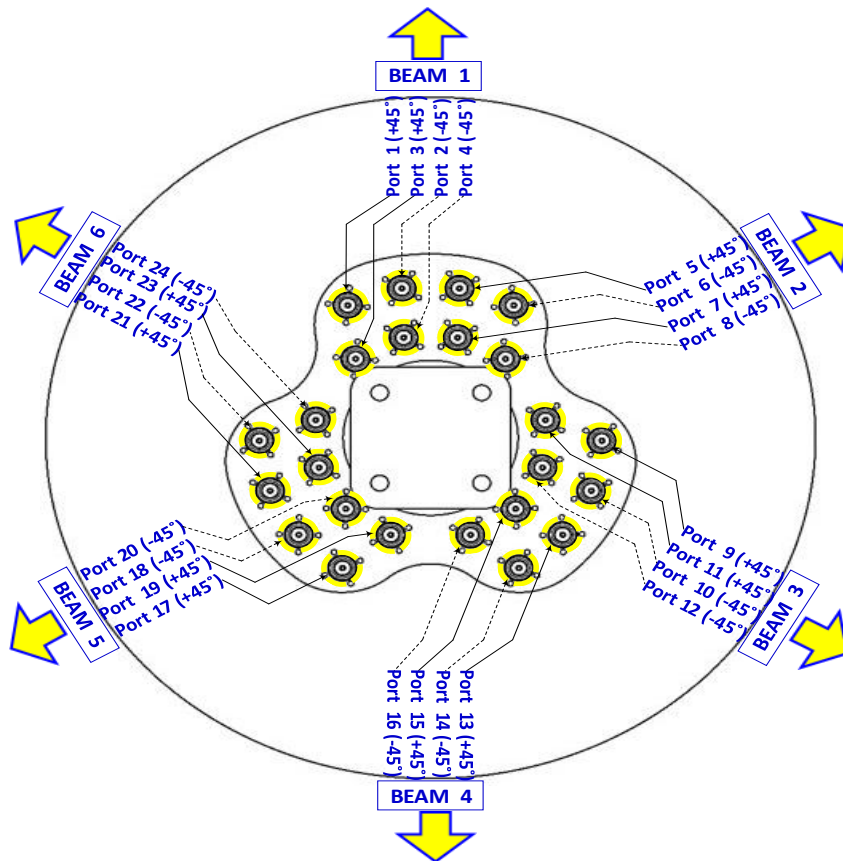
- 3.10 MS-LP-6-H4-30i (Bolts, Nuts & Tools Requirements)
- 3.11 Bracket
- 3.12 Bolts & Nuts
- 3.13 Adjustable Spanner (x2)
- 3.20 Antenna Dimensions
- 3.30 Installation Sample

Revision History:

Date	Description	Revised by	Revision nos.

1.00 BEAMS & CONNECTORS:

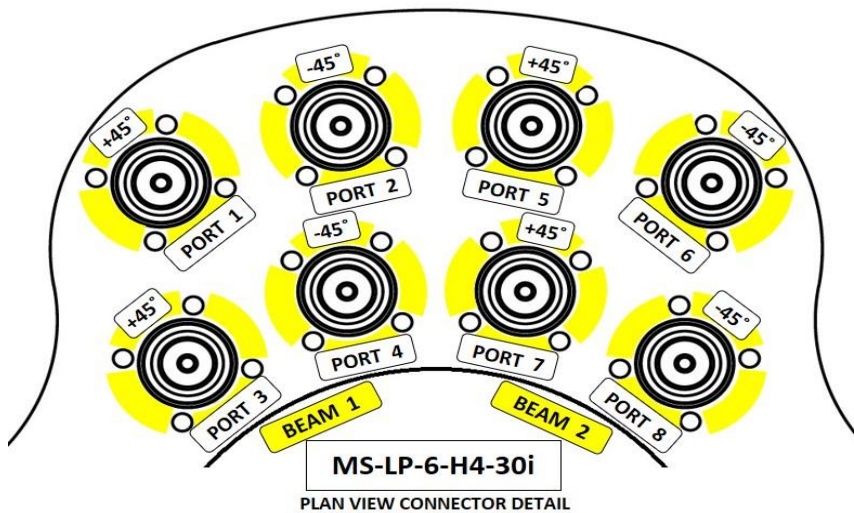
1.10 Plan View Resultant Beam & Connector Layout



1.20 Connector Ports Table

MS-LP-6-H4-30i					
Connector Ports Table					
BEAM 1	BEAM 2	BEAM 3	BEAM 4	BEAM 5	BEAM 6
Port 1 (+45°)	Port 5 (+45°)	Port 9 (+45°)	Port 13 (+45°)	Port 17 (+45°)	Port 21 (+45°)
Port 2 (-45°)	Port 6 (-45°)	Port 10 (-45°)	Port 14 (-45°)	Port 18 (-45°)	Port 22 (-45°)
Port 3 (+45°)	Port 7 (+45°)	Port 11 (+45°)	Port 15 (+45°)	Port 19 (+45°)	Port 23 (+45°)
Port 4 (-45°)	Port 8 (-45°)	Port 12 (-45°)	Port 16 (-45°)	Port 20 (-45°)	Port 24 (-45°)

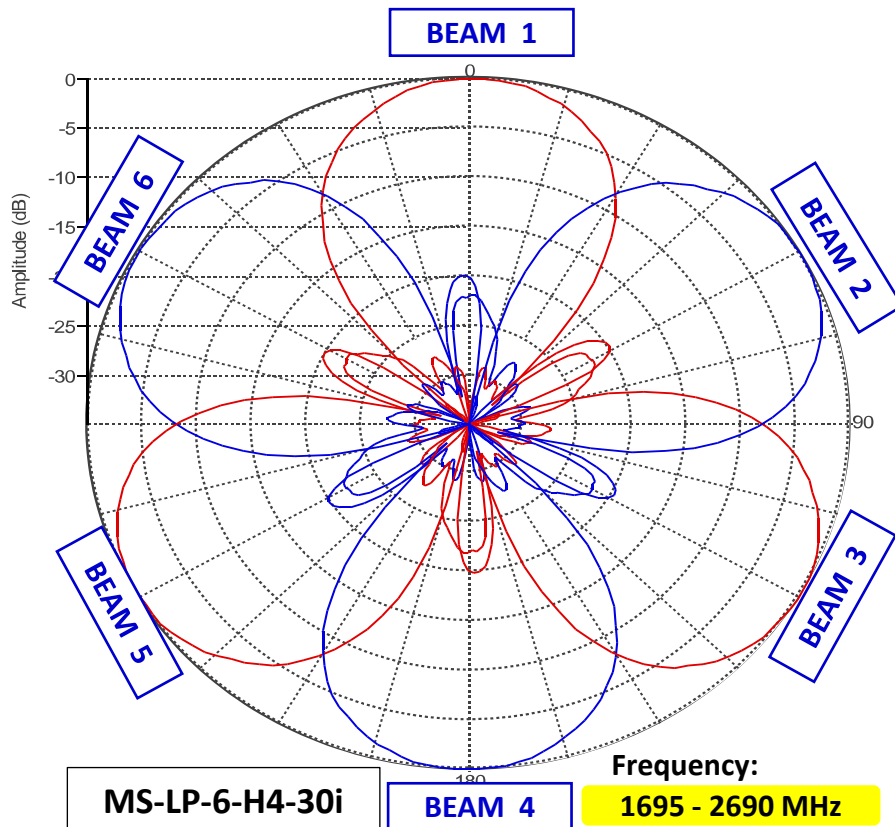
1.30 Connector Detail



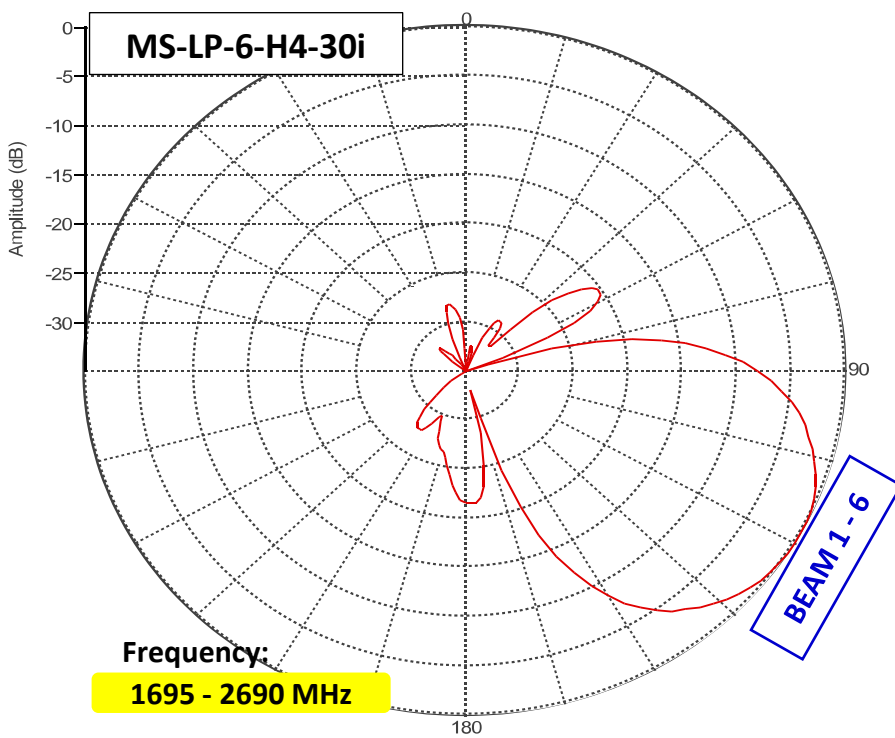
2.00 PATTERN DIAGRAM

2.10 Frequency: 1695 - 2690 MHz

2.11 Horizontal Pattern



2.12 Vertical Pattern



3.00 BRACKET INSTALLATION

3.10 MS-LP-6-H4-30i (Bolts, Nuts & Tools Requirements)

nos	Bracket	Base Plate Bolts & Nuts Sets		Structure Bolts & Nuts Sets	
	Qty	Size	Qty	Size	Qty
1	4	M10 x 25mm	4	M12 x 160mm	4

3.11 Bracket



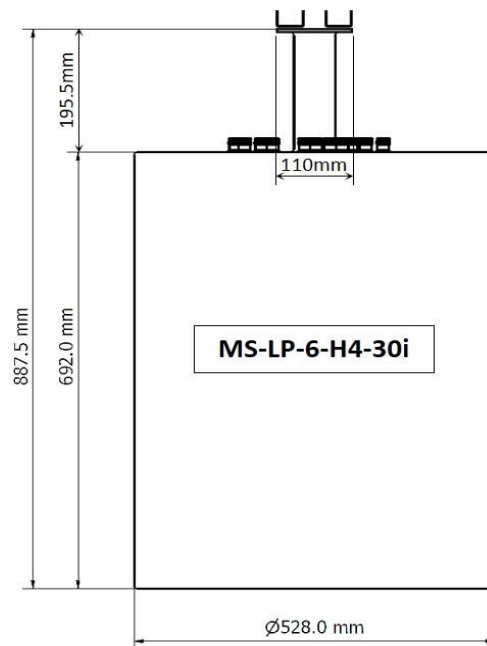
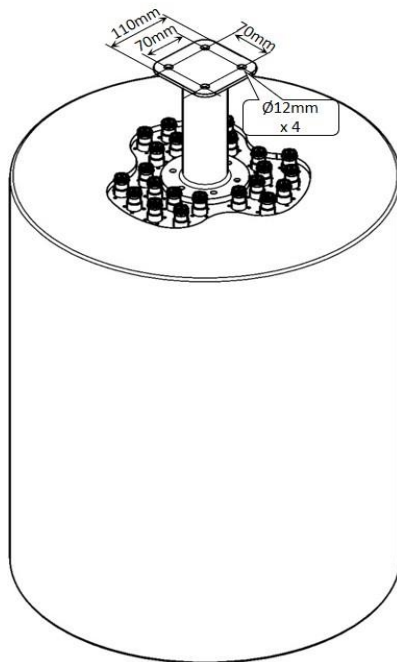
3.12 Bolts & Nuts



3.13 Adjustable Spanner (x2)



3.20 Antenna Dimensions



3.30 Installation Sample

