

OR650 30dBi Antenna design proposal

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Agenda

- Antenna Placement
- Gain table
- 2D Radiation Pattern

Antenna Placement

- OR650 have one 30dBi antenna as figure :
- 5GHz * 1



Antenna Information

Manufactory : Telimart India Pvt. Ltd.

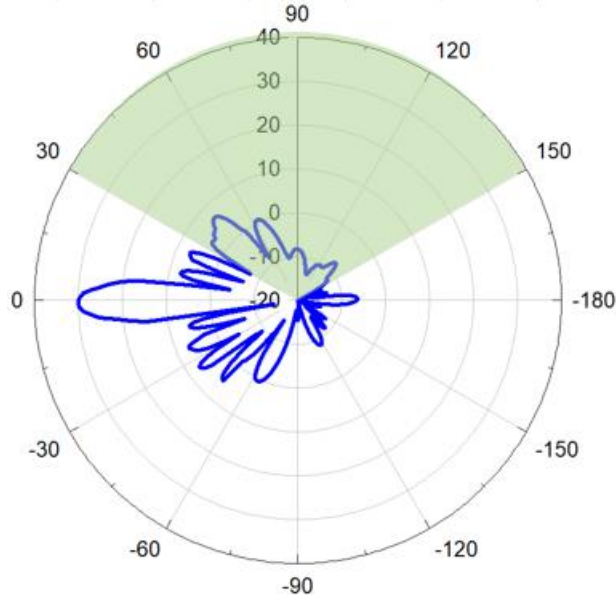
Add. : #C-133 & C-136, 2nd 'A' Main Road, Peenya Industrial Estate, 2nd Stage,
Bangalore-560058. Karnataka India

Brand	Size(mm)	Material	Part Number	Type
Telimart	Ø600	Galvonised steel	TM55L-DPDISH-30	Dish

Gain table

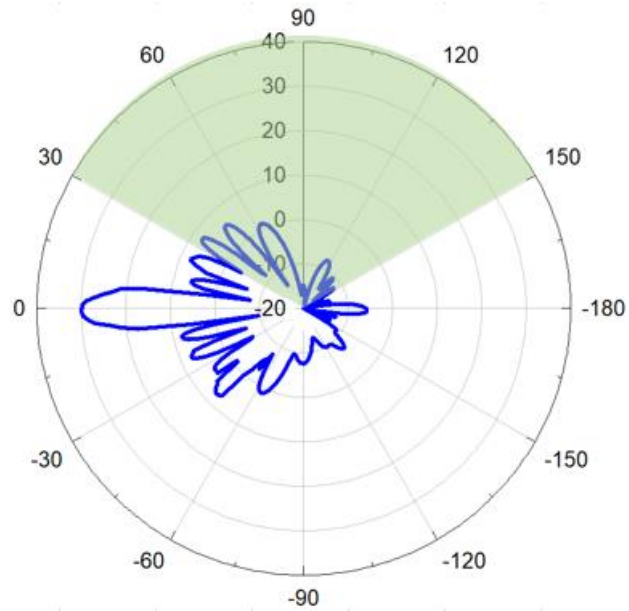
Peak Gain	Port_V	Port_H
5.15GHz~5.25GHz	29.64	29.78
5.25GHz~5.35GHz	29.4	29.64
5.47GHz~5.725GHz	29.97	29.51
5.725GHz~5.825GHz	29.99	29.98

2D pattern : Port_V



90 degree : Sky
-90 degree : Ground

2D pattern : Port_H



90 degree : Sky

-90 degree : Ground

The logo for 'emplus' is centered in the image. It features the word 'emplus' in a lowercase, sans-serif font. The 'e' and 'm' are a light blue color, while the 'p' and 'l' are a darker blue, and the 'u' and 's' are a medium blue. The background is a large, abstract graphic of two overlapping circles filled with a low-poly, geometric pattern of various shades of blue. The overall aesthetic is clean and modern.

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