

Características Elétricas

Electrical Features

Tipo type	Omnidirecional Omnidirecional
Faixa de frequência Bandwidth	806 a 960 MHz 806 up to 960 MHz
Ganho Nominal Nominal Gain	806-830 MHz - 5,0 dBi 806-830 MHz - 5,0dBi 830-860 MHz - 6,0 dBi 830-960 MHz - 6,0dBi
Impedância Nominal Nominal Impedance	50 Ohms 50 Ohms
R.O.E. V.S.W.R.	< 1,5:1 < 1,5:1
Polarização Polarization	Vertical Vertical
Potência Máxima de Entrada Maximum Input Power	500 W 500 W

OMLP85906-RAIL

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**Características Mecânicas**

Mechanical Features

Conector Connector Type	N fêmea N Female
Peso (com ferragem) Weight (with stand)	0,9 Kg 0.9 Kg
Dimensões Máximas (C x L x A) Maximum Dimensions (L x W x H)	209 x 108 110 mm 209 x 108 x 110 mm
Plano de terra mínimo requerido Minimum metallic ground plane mounting	1000 x 1000 mm 1000 x 1000 mm

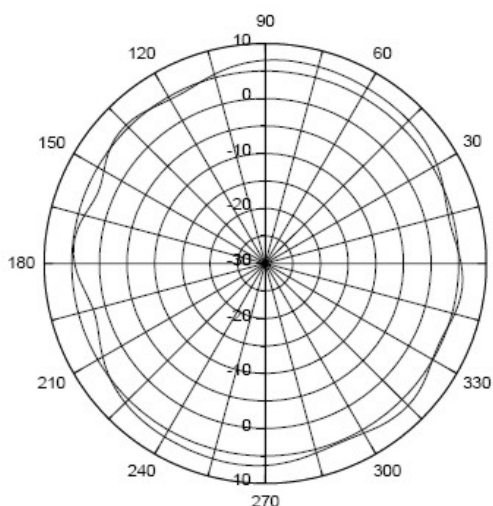
Materiais Empregados

Employed Materials

Radiador Radiator	Alumínio liga naval Aluminum naval alloy
Radome Radome	Poliestireno com proteção UV Polystyrene with UV protection
Base Base	Alumínio liga naval. Grampos, porcas e arruelas em latão e aço inox Base in aluminum naval alloy. Screws, nut and washers – Brass an stainless steel

**Diagrama de Radiação @815 MHz
Plano Horizontal (Down-Tilt 30°)**

Radiation Pattern @815 MHz – Horizontal Plane (Down-Tilt 30°)

**Diagrama de Radiação @860 MHz
Plano Horizontal (Down-Tilt 30°)**

Radiation Pattern @860 MHz – Horizontal Plane (Down-Tilt 30°)

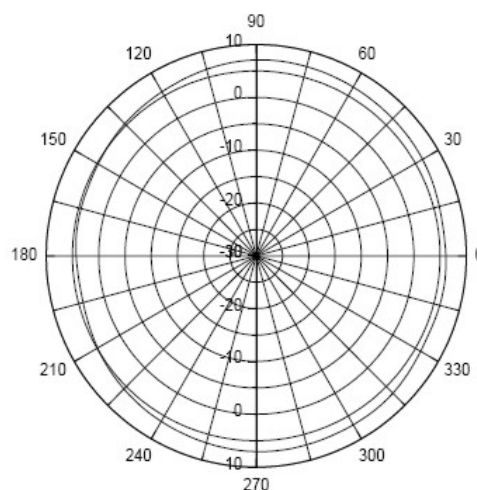


Diagrama de Radiação @895 MHz
Plano Horizontal (Down-Tilt 30°)

Radiation Pattern @895 MHz – Horizontal Plane (Down-Tilt 30°)

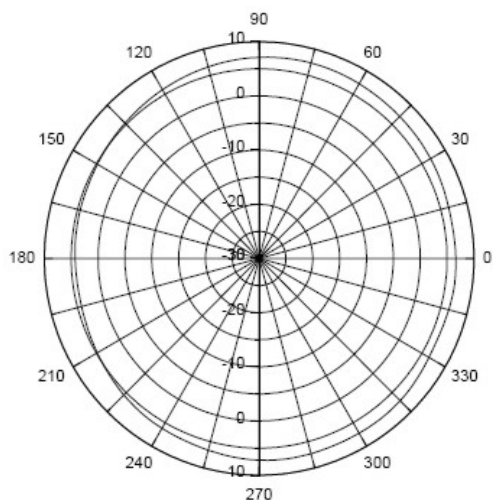


Diagrama de Radiação @960 MHz
Plano Horizontal (Down-Tilt 30°)

Radiation Pattern @960 MHz – Horizontal Plane (Down-Tilt 30°)

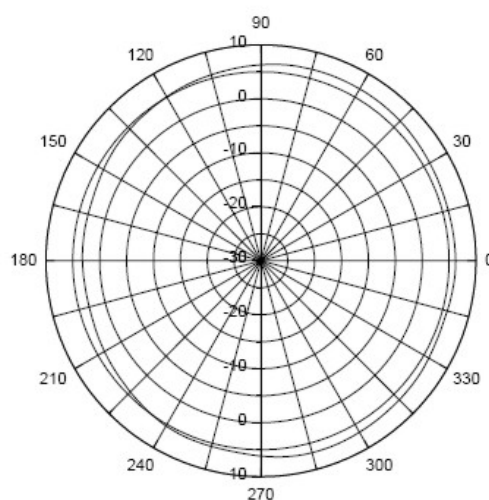


Diagrama de Radiação @860 MHz
Normalizado em relação ao maior ganho
Plano Vertical $\Phi = 90^\circ$

Radiation Pattern @860 MHz
 Normalized regarding maximum gain - Vertical Plane $\Phi = 90^\circ$

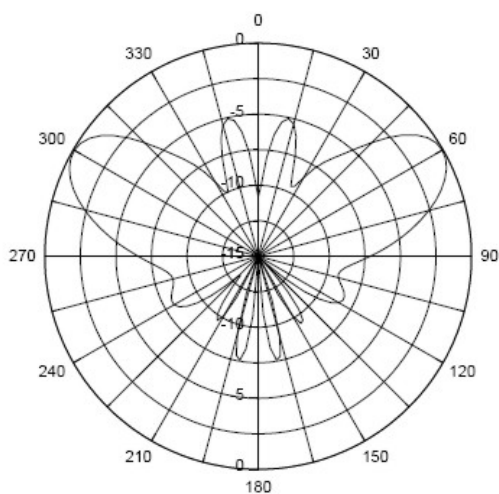


Diagrama de Radiação @860 MHz
Normalizado em relação ao maior ganho
Plano Vertical $\Phi = 0^\circ$

Radiation Pattern @860 MHz
 Normalized regarding maximum gain - Vertical Plane $\Phi = 0^\circ$

