

Características Elétricas

Electrical Characteristics

OMLP85906-RAIL

OMLP85906-RAIL

Tipo
Type**Omnidirecional de Baixo Perfil**Low Profile Heavy-Duty
Omnidirectional Rail AntennaFaixa de Frequência
Bandwidth806 a 960 MHz
806 up to 960 MHzGanho Nominal
Nominal Gain806-830 MHz – 5,0 dBi
806-830 MHz – 5.0 dBi
830-960 MHz – 6,0 dBi
830-960 MHz – 6.0 dBiImpedância Nominal
Nominal Impedance50 Ohms
50 OhmsR.O.E
V.S.W.R< 1,5:1
< 1.5:1Polarização
PolarizationVertical
VerticalPotência Máxima de Entrada
Maximum Input Power500 W
500 W**Características Mecânicas**

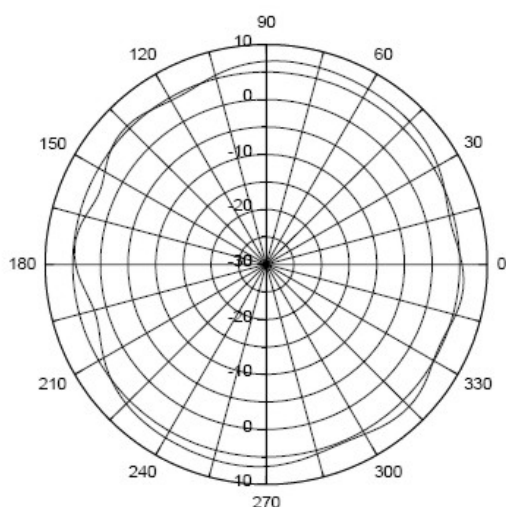
Mechanical Characteristics

Materiais Empregados

Employed Materials

Conector
Connector TypeN Fêmea
N FemaleRadiador
RadiatorAlumínio liga naval
Aluminum naval alloyPeso (com ferragem)
Weight (with stand)0,9 Kg
0.9 KgRadome
RadomePoliestireno com proteção UV
Polystyrene with UV protectionDimensões Máximas (C x L x A)
Maximum Dimensions (L x W x H)209 x 108 x 110 mm
209 x 108 x 110 mmBase
BasePlano de terra mínimo requerido
Minimum metallic ground plane mounting1000 x 1000 mm
1000 x 1000 mmAlumínio liga naval. Grampos, porcas e arruelas em latão e aço inox.
Base in aluminum naval alloy. Screws, nut and washers - Brass and 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°)

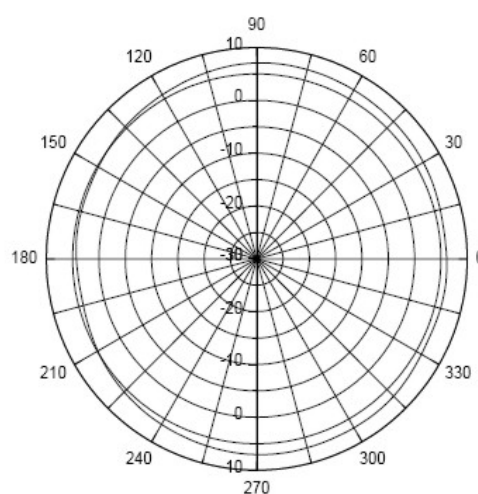


Diagrama de Radiação @ 895 MHz
Plano Horizontal (Down -Tilt 30 °)
Radiation Pattern @ 895 MHz – Horizontal Plane (Down-Tilt 30°)

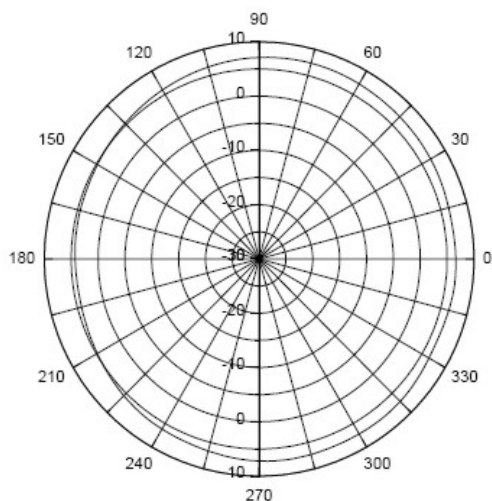


Diagrama de Radiação @ 960 MHz
Plano Horizontal (Down -Tilt 30 °)
Radiation Pattern @ 960 MHz – Horizontal Plane (Down-Tilt 30°)

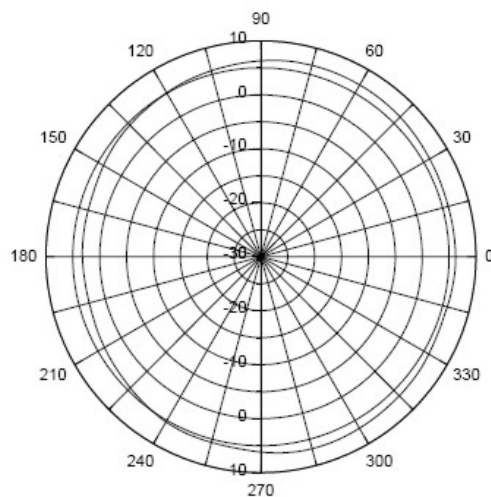


Diagrama de Radiação @ 860 MHz
Normalizado em relação ao maior ganho
Plano Vertical $\phi=90^\circ$
Radiation Pattern @ 860 MHz
Normalized regarding maximum gain – Vertical Plane $\phi=90^\circ$

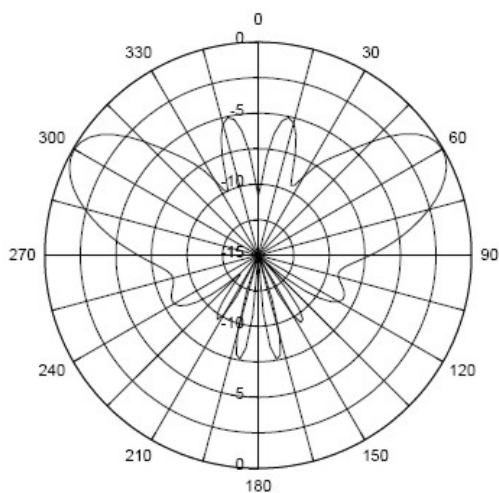
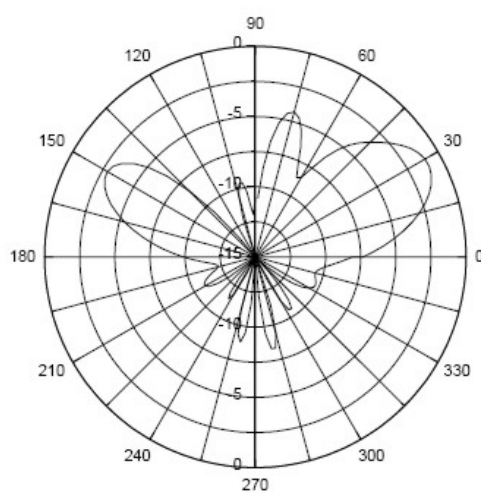
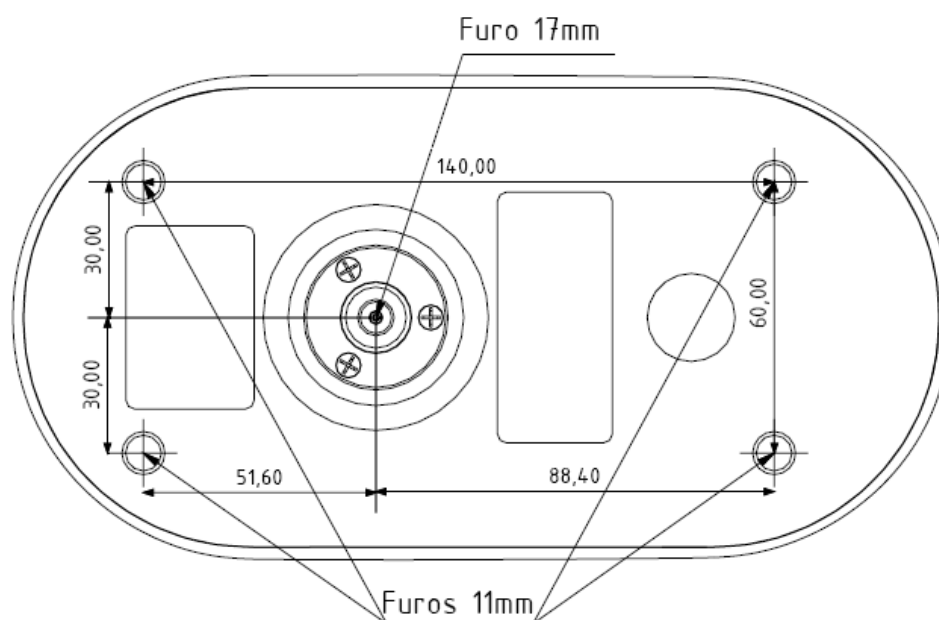


Diagrama de Radiação @ 860 MHz
Normalizado em relação ao maior ganho
Plano Vertical $\phi=0^\circ$
Radiation Pattern @ 860 MHz
Normalized regarding maximum gain – Vertical Plane $\phi=0^\circ$



Montagem

Mounting suggestion



Montagem
Mounting suggestion

