

# **GSM Directional antenna**

## **RFL 900**



Antenna working in 900 MHz band with 11 dBi gain. It can be mounted for horizontal or vertical polarization. Cover is made from high quality ABS, UV resistant and mechanically durable. Because of reduced sidelobes, antenna keeps clear strong signal even in crowded radio environment. It's resistant to interference from other networks and does not disrupt to other. Designed for operation under severe weather conditions. Proper materials allow operation in a aggressive environment without corrosion. The mechanical construction allows easy height and tilt adjustment which ensures stable operation.

## ELECTRICAL

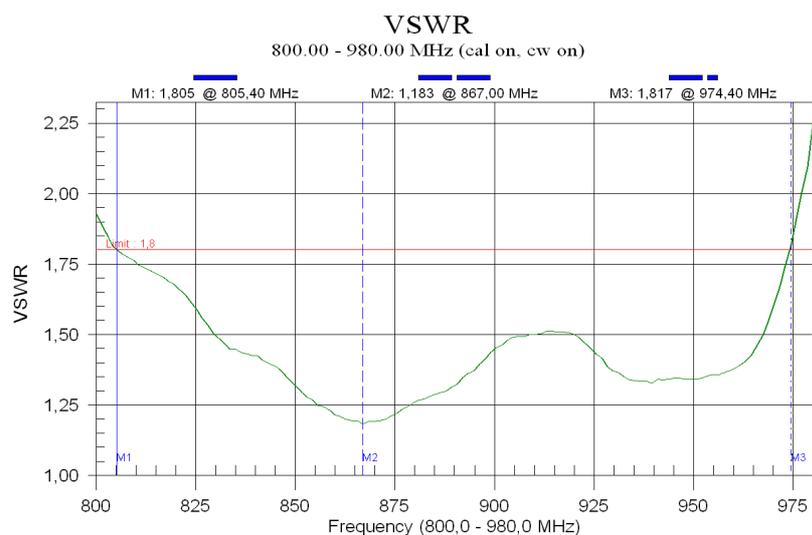
Gain	11 dBi
Radiation pattern	directional
Impedance	50 $\Omega$
Antenna type	patch
VSWR	$\leq 1.8$
Frequency range	805 - 974 MHz
Bandwidth	169 MHz
Maximum power	100 W
Horizontal radiation pattern code (H-plane)	030EB00 (CEPT Recommendation T/R 25-08)
Vertical radiation pattern code (E-plane)	026EA03 (CEPT Recommendation T/R 25-08)

## MECHANICAL

Connector type	N
Material	PVC cover
Polarization	vertical/horizontal
Weight	1.1 kg
Lightning protection	All metal parts are DC-grounded
Total dimensions	288 x 288 x 55 mm
Packaging	Carton box
Warranty period	24 months
Wind speed	120 km/h

## CLIMATIC CONDITIONS

Temperature range	-40°C ÷ +70°C
Humidity	$\leq 100\%$ at +40°C

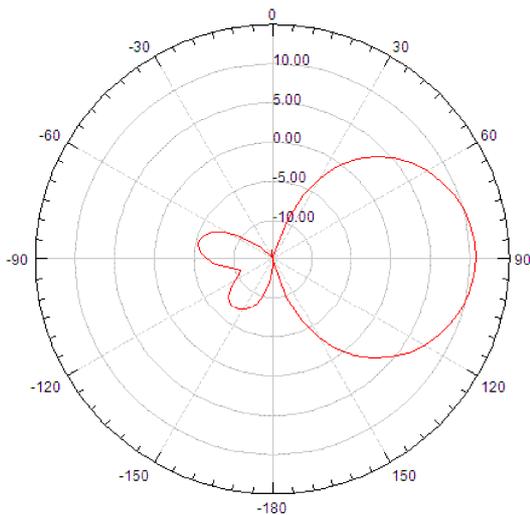


Resolution: 130  
Model:

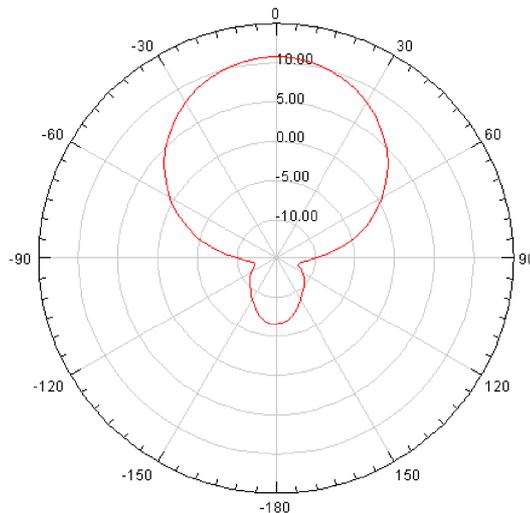
CAL:ON(COAX)  
Serial #: 00000000

CW: ON  
Smoothing: 0

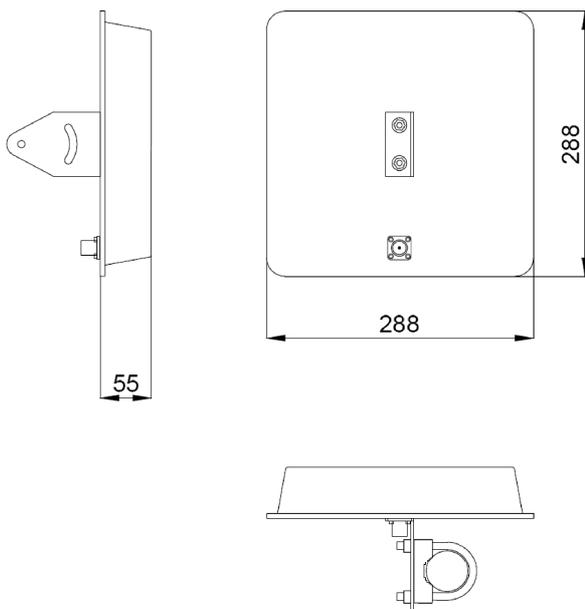
VSWR



Vertical radiation pattern



Horizontal radiation pattern



Total dimesions



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