

# SYO738NF DATASHEET

## 4G/LTE 698-3800MHz 6dBi Omni Antenna

### Part No: SYO738NF

#### 1. Introduction

This antenna is ideal for downtown urban settings, RV's or marine installations.

It's built with a strong fiberglass casing and is designed to cover 2G/3G/4G/5G and WLAN systems for Cellular, PCS, AWS and LTE frequencies.

This Full Band Fiberglass antenna is an omni-directional antenna that gathers signals from all sides and does not need to be pointed toward a cellular tower.

Parts includes mounting equipment for either a flat horizontal surface or a wall.

It shall be mounted in an upright position for best results.



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## 2. Specification

### Electrical

Frequency Range	698-960/1710-3800MHz
Gain	4/6dBi
V.S.W.R	≤2.0
Radiation	Omni-Direction
Horizontal Beam width	360°
Vertical Beam width	18°
Polarization	Vertical
Lightning Protection	DC Grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	N Female
Antenna Radome Material	PVC
Mount way	Pole
Diameter of Installation Pole	Ø30~Ø50mm

### Mechanical

Dimensions	Φ75x460mm
Weight	1.2KG
Operating Temperature	-40°C to+70°C
Rated wind velocity(m/s)	60m/s
RoHS Compliant	YES