

## **4FT 1.2M Parabolic Reflector Antenna 3.3-3.8GHZ Dual Polarity**

### **Part No:AC-D38G30-12X2**

#### **1. Introduction**

The 30 dBi parabolic dish antenna operating from 3.5 - 3.8 GHz, includes dual horizontal and vertical polarization and provides 30 dBi high gain with a focused main beam of 3 degree beamwidth that has minimal side-lobes and back-lobes that outperform similar sized flat panels.

This parabolic antenna comes with a pair of pre-attached, 30cm rg142 pig-tail cables with N-female connectors which simplifies installation and minimizes taping. Use this parabolic antenna over a flat panel antenna to maximize the potential of your radio by improving signal strength and reducing the noise floor in your link.



## 2. Specification

### Electrical

Frequency Range	3300-3800MHz
F/B Ratio	≥25dB
Gain	30dBi
V.S.W.R	≤2.0
Isolation	22db
Horizontal Beam width	3°
Vertical Beam width	3°
Lightning Protection	DC Grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	2xN Female
Cable Type	RG142
Cable Length	30CM
Antenna Radome Material	Aluminium alloy
Mounting way	Pole Mount
Diameter of Installation Pole	Ø50~Ø70mm

### Mechanical

Dimensions	Φ1200mm
Weight	25KG
Operating Temperature	-40°C to+70°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES

## 3.Drawing