



Repeater Solutions

GPS/Iridium Passive Antenna



Benefits

- **L1/Iridium Passive Omni-directional antenna**
- **High Gain and Wide bandwidth**
- **Easy to install**
- **Supplied with pole mounting bracket**
- **Outdoor-rated IP67**

Product Description

Global Foxcom's FOXANT-R-D-155-161-TF-0-00 is a passive transmit/receive, Omni-directional antenna optimized to support GPS/GNSS and Iridium signals.

The antenna's operating frequency range of 1559-1650 and its high gain makes it suitable for mission critical GNSS and Iridium application. The antenna is supplied with a pole mounting bracket.

Global Foxcom, as a leader in Satellite repeaters, offers a full satellite repeater solution for Iridium/Inmarsat/GPS and other communication bands used in hangars and large manufacturing spaces. Global Foxcom's repeaters are available with either coax or fiber-based technology. For more information, contact Global Foxcom sales: sales@foxcom.com.

Specifications

Antenna Specifications	
RF Spec	
Frequency Range	1.55–1.65 GHz
Polarization	RHCP
Transmit Pattern	Omni-directional
L1 Gain	+3dBi (zenith)
Iridium Gain	+1.1dBi (zenith)
Radiation pattern	Hemispherical
3dB Beam Width Elevation	155°
Antenna VSWR	1.5:1
Axial ratio	1:3
Physical Specifications	
RF Connector	TNC Female
Dimensions	115 x 89 mm (H x D)
Weight	142
IP rating	IP67
Operating Temperature	-30 to +75°C

Ordering Information

Product Part Number	Description
FOXANT-R-R-155-161-TF-0-00	Passive Omni-directional GPS/Iridium antenna