



Repeater Solutions

GNSS L1/L2/L5 Active Antenna



Benefits

- Ideal for accurate mission-critical GPS positioning
- Omni-directional
- Built-in High Gain of 36dB Gain with very low noise
- Low loss front filter for added immunity
- Wide operating voltage
- Easy to install with the supplied mounting bracket
- Outdoor-rated IP67

Product Description

Global Foxcom's FOXANT-R-R-116-161-TF-4-01 is an active, Omni-directional, receive antenna optimized to support GPS L1/L2/L5, GLONASS G1/G2/G3, BeiDou B1/B2/B2A and Galileo E1/E5a/E5B.

The antenna's 40dB high gain and embedded front-end filter makes it ideal for critical installation on locations with potential radio interference. The antenna is equipped with a TNC-F RF connector and is supplied with a suitable 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	
3dB Frequency Bandwidth	1.1–1.65GHz
Transmit Pattern	Omni-directional
Polarization	RHCP
Antenna Gain	>3dB at zenith
LNA Gain	36dB
3dB Beam Width Azimuth	60°
Gain Variation over Temperature	
3dB Beam Width Elevation	±2dB
Antenna VSWR (LNA output)	1.8:1 Max
Supply voltage range	2.5 to 16VDC
Physical Specifications	
RF Connector	TNC Female
Dimensions	80 x 80 mm (H x D)
Weight	400gr
Environmental rating	IP67
Operating Temperature	-40 to +85°C
Weight	185gr

Ordering Information

Product Part Number	Description
FOXANT-R-R-116-161-TF-4-01	Active Receive GPS/Galileo/Glonass Antenna