



FSP-AT-3080

Military Omni directional antenna

Typical Applications

The FSP-AT-3080 is ideal for:

- Point-to-Multi-Point Radio
- Military Communication

Features

- Wide band operation (30 to 80 MHz)
- Compact dimensions
- Wide operating temperature range
- Extremely rugged for long service life in extreme environments

General Description

The FSP-AT-3080 omnidirectional broadband antenna covers the extremely wide frequency range from 30 MHz to 80 MHz.

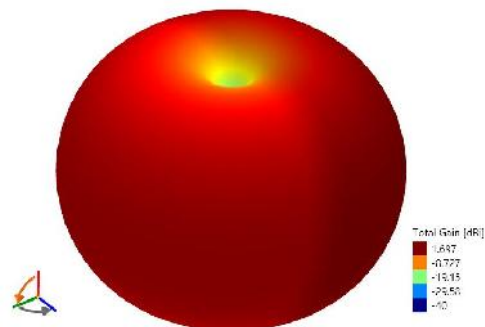
It is designed for stationary transmission and reception and can be used for many types of communications and for monitoring tasks.



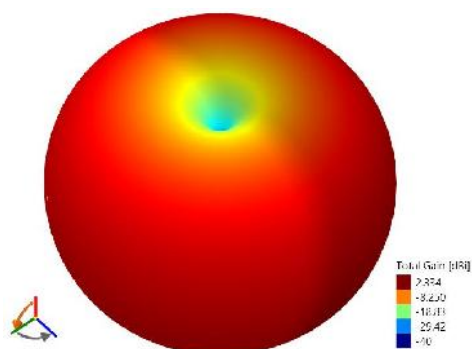
Table 1. Specifications

Specifications	
Frequency Range	30..80 MHz
Gain	2dBi
VSWR	2.5:1 max.
Input Impedance	50 Ohms
Power Capability	100W - RG58
	500W RG213
Connector	BNC or N type
Environmental	
Operating Temperature	-40° to 90° C
Storage Temperature	-40° to 120° C

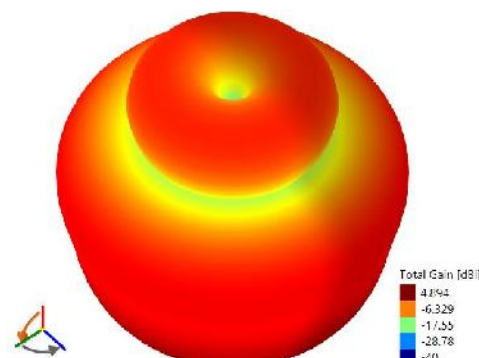
3D Radiation Pattern @ minimum frequency [30MHz]



3D Radiation Pattern @ twice minimum frequency [60MHz]



3D Radiation Pattern @ 3 times minimum frequency [90MHz]



For price, delivery, and to place orders, please contact **Fidar System Pooyan Corporation**:

www.cintix.ir Phone: +98-21-88516856 Fax: +98-21-88735031



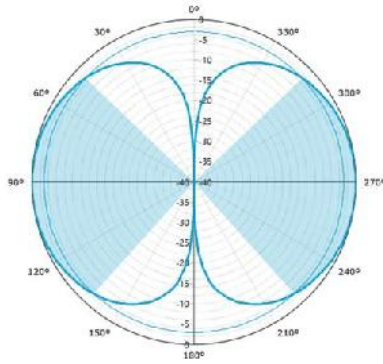
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Radiation Pattern

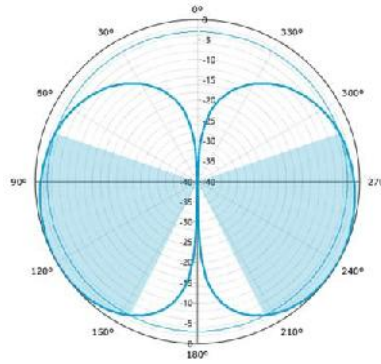
E-Plan at [30MHz]

Gain (Total - normalised)



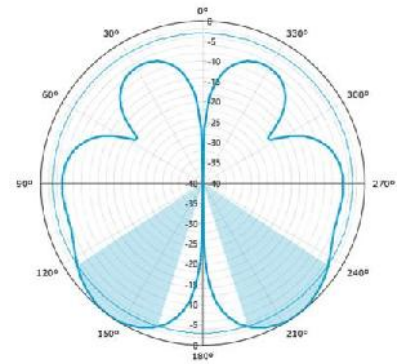
E-Plan at [60MHz]

Gain (Total - normalised)



E-Plan at [90MHz]

Gain (Total - normalised)



Impedance vs. frequency

