

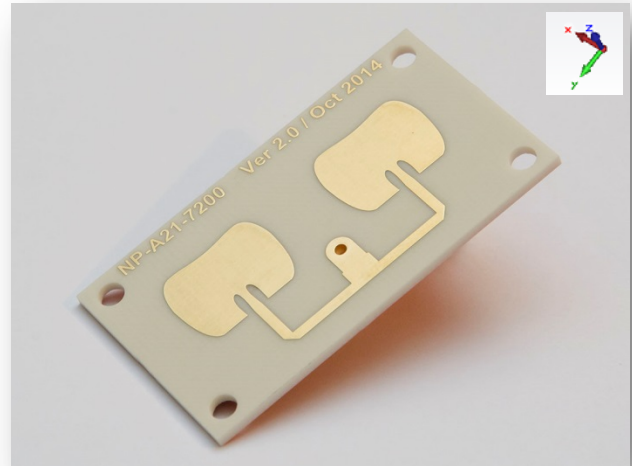
Flat Antenna NP-A21-7200

Features

- Center frequency: 7.2 GHz
- Bandwidth (min): 380 MHz
- Gain: 8 dB
- Beamwidth: 78⁰x46⁰

Applications

- Short range radars
- Wireless data transmission



Electronic Properties

Parameter	Conditions / Notes	Value	Unit
Min. Frequency	VSWR=2.5	7.00	GHz
Max. Frequency	VSWR=2.5	7.39	GHz
Gain	Typ.	8	dB
Impedance	Typ.	50	Ohm
Angular width	XZ Plane	78	Deg
Main lobe direction	XZ Plane	-18	Deg
Side lobe level	XZ Plane	-	dB
Angular width	YZ Plane	46	Deg
Main lobe direction	YZ Plane	0	Deg
Side lobe level	YZ Plane	-	dB
Back lobe level		-11	dB
Size	w/o connector	50x28x1.6	mm
Material		Rogers RO4003C	
Layers		1	
Connector ¹⁾		U.FL ²⁾ or SMA ³⁾ type	

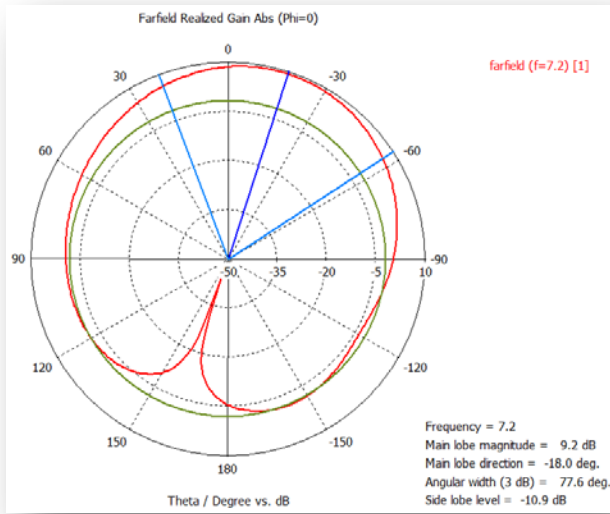
1) A SMT type connector shall be mounted on the back side of the antenna.

2) Similar to [HIROSE ELECTRIC CO., LTD. U.FL Series](#) connectors.

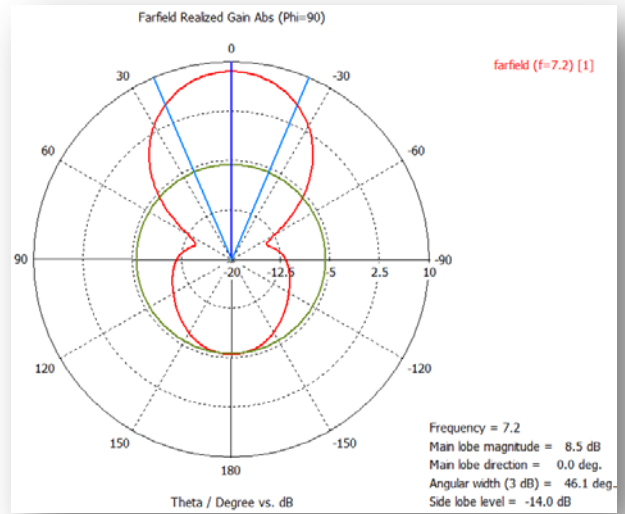
3) Similar to [Pasternack Enterprises, Inc. PE4910](#) connector.

Antenna Pattern

XZ Plane



YZ Plane



S11 Measurement

