

Preliminary Product Information: Rev 1A, Issue Sep 2016

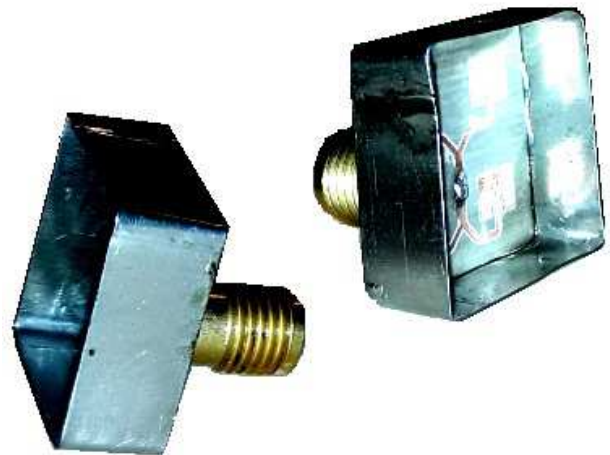
PAN28G-2x2-ARNO is miniature 28GHz directional antenna intended for modern 5G communication systems.

KEY FEATURES

- Ultra-compact 15x15mm surface
- 4-element array
- High 13dBi gain
- Cheap solution for 5G modems
- Commonly used 50Ω impedance

APPLICATION AREAS

- 5G Communication Systems **
- 28GHz links
- Laboratory
- Measurements

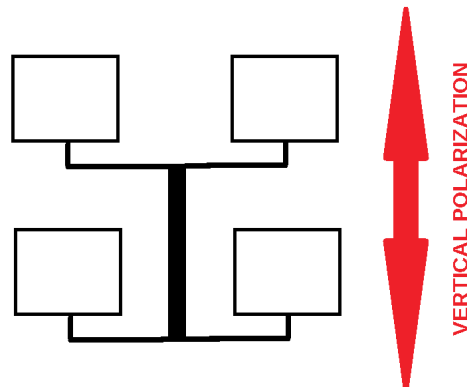


TECHNICAL SPECIFICATIONS

Parameter *	Specification
Type	Indoor directional 4-element array antenna
Frequency range	27.5-28.5GHz
Gain	13dBi
VSWR	2.0
Polarization	vertical
Input and Impedance	one input x 50Ω 2.92mm, female connector
Enclosure and dimensions	PCB without enclosure, 15x15x21mm with connector

* Ask Rantelon for additional parameters or design modifications: www.rantelon.com.

** Rantelon can provide for up-/down-converters from LF-6GHz to 27-29GHz band. Ask Rantelon for details.



Rantelon reserves the right to change the specification without notice.