



The DLPP-6 is a dual-polarized, water-resistant broadband log-periodic antenna.

Features and Specifications



Technical Performance

- Wide bandwidth
- Low return loss
- Individual calibration
- Suitable for EMC/EMI applications



Design and Surface Treatment

- Protective water-resistant case



Manufacturing Technology

- Manufactured using a high grade aluminum alloy
- High quality SMA type coaxial connector



Product Packaging Includes

- Linear polarized log-periodic antenna for receiving and transmitting applications

Product Parameters

PRODUCT IDENTIFICATION

| | |
|------------------|-----------------------------|
| Product Name | DLPP-6 |
| Product Category | Log-Periodic Antenna |

ELECTRICAL SPECIFICATIONS

| | |
|-------------------|--|
| Frequency Range | 500 MHz – 6 GHz |
| VSWR (max.) | 2.5 |
| VSWR (avg.) | 1.7 |
| Impedance | 50 Ohm |
| Connector | SMA (female) |
| Power (CW / Peak) | 10 W / 20 W |
| Antenna Factor | 19 – 40 dB/m |
| Polarization | Dual Linear, Circular (with hybrid) |

PHYSICAL SPECIFICATIONS

| | |
|--------|---------------------------|
| Width | 460 mm (18.110 in) |
| Height | 455 mm (17.913 in) |
| Depth | 460 mm (18.110 in) |
| Weight | 1.8 kg (3.968 lb) |

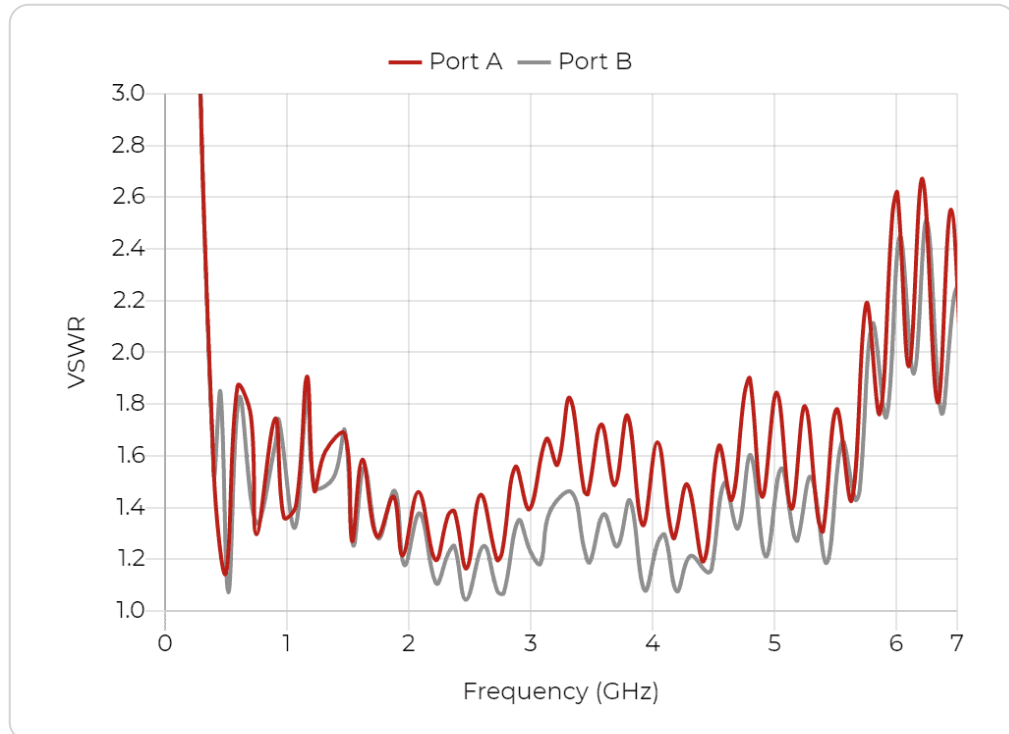
OPERATING CONDITIONS

| | |
|---------------------------|----------------------|
| Rated Temperature Range | 0°C – +50°C |
| Storage Temperature Range | -20°C – +70°C |

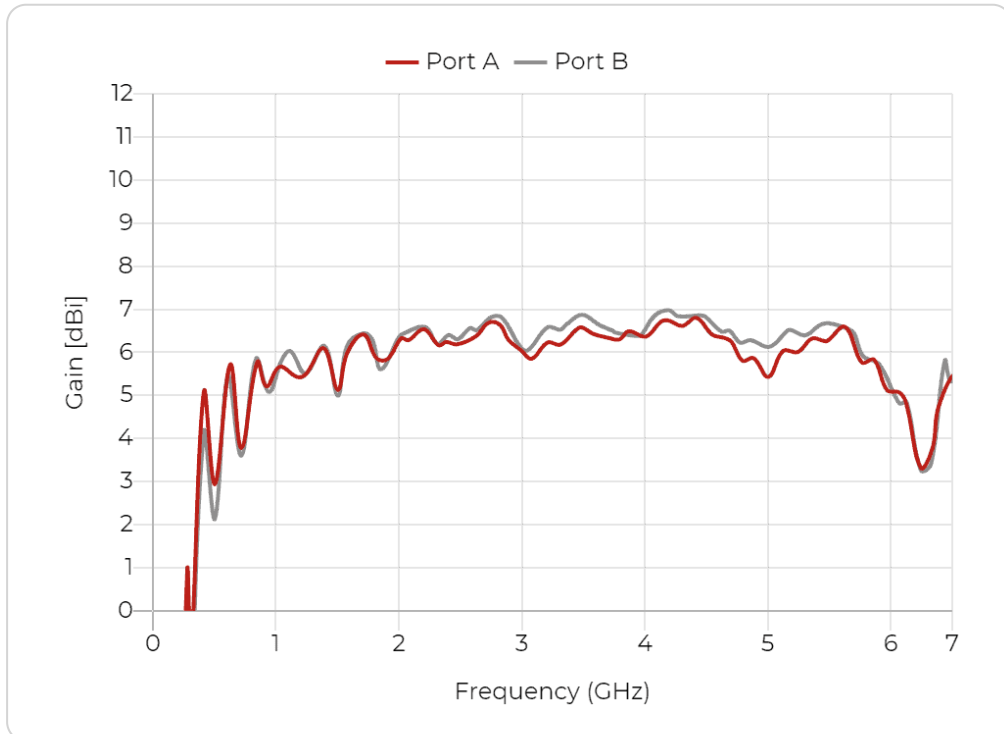
Parameters and Performance

Typical parameters

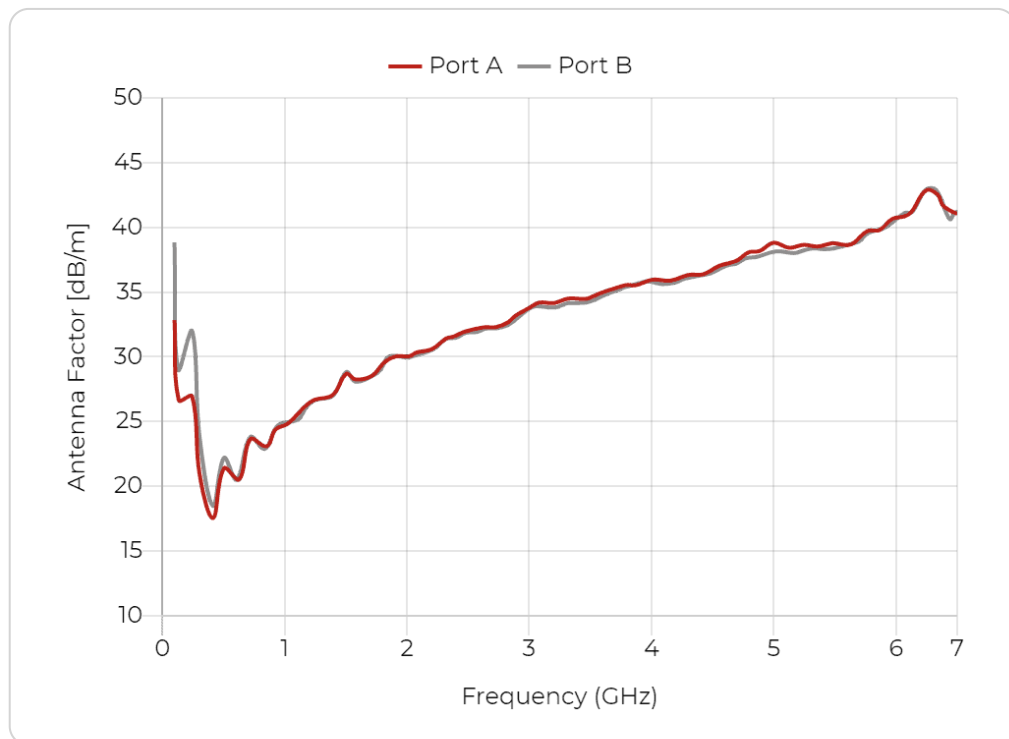
VSWR



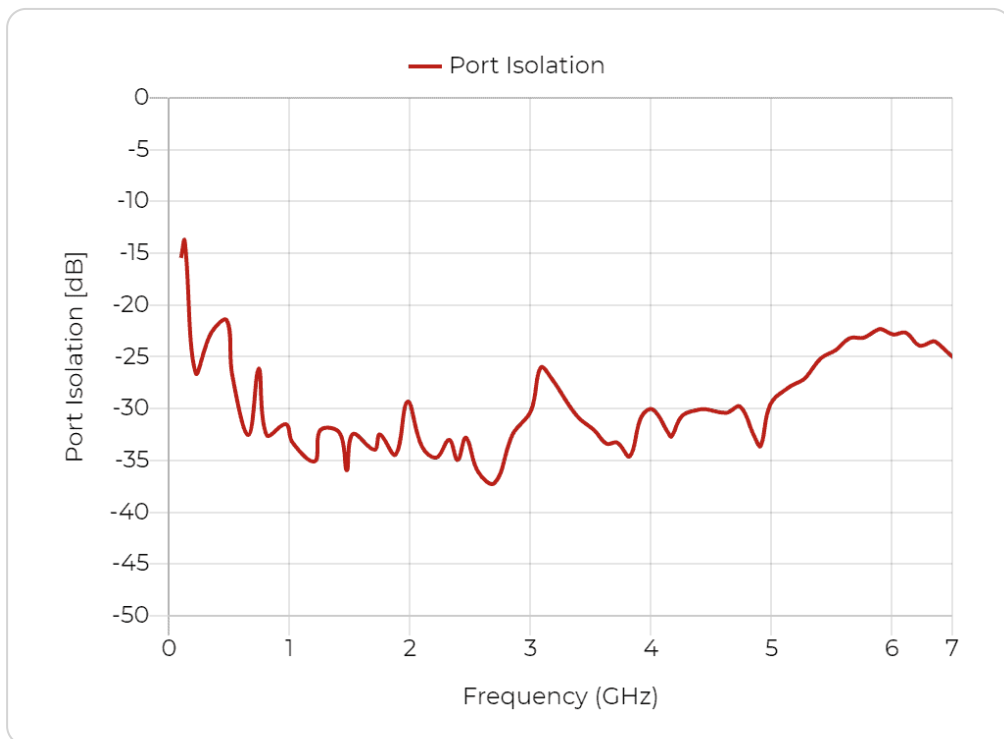
Gain



Antenna Factor



Port Isolation



Packaging and Accessories

What's in a box

- DLPP-6 Antenna
- Factory calibration certificate
- Full calibration report of each antenna
- QR code accessing online portal
- Calibration test dataset (available online)

Accessories

- Standard mounting flange

Custom services

- Custom mounting solutions
- Custom calibration data

Manufacturer Information

About Datasheet

Product information available also online at

<https://www.rfspin.com/product/dlpp-6/>

Address

RFspin s.r.o.

Na Beránce 57/2

Manufactured by RFspin, Czech Republic. www.rfspin.com info@rfspin.com

Data and specifications subject to change without notice.

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160 00 Prague 6

Czech Republic

✉ **E-mail**

info@rfspin.com

📞 **Phone**

[+420 245 008 847](tel:+420245008847)