



Log-Periodic Antenna

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
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

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



Factory calibration report

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/>

Data and specifications subject to change without notice.

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