**Features:**

- 617-960 / 1710-2700 MHz
- Gain 10 / 11 dBi
- Pattern: Directional
- Size: 765 x 272 x 142mm
- Connector N-Female
- IP 53

**Applications:**

- 2G / 3G / 4G LTE
- Base station repeater
- Access point / Hub
- Smart Metering
- Ideal in weak signal conditions, shadow areas or far away from base station tower

All dimensions are in mm / inches

Issue: 2049

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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Preliminary



**Series:** Directional Outdoor**Description:** 617-2700MHz Directional  
10/11dBi Log Periodic Antenna**PART NUMBER:** W5109**ELECTRICAL SPECIFICATIONS**

Frequency	617-960 1710-2700MHz
Nominal Impedance	50 $\Omega$
VSWR	<1.8
Radiation Pattern	Omni
Gain	>10dBi
Polarization	Vertical
Power Withstanding	100W

**MECHANICAL SPECIFICATIONS**

Size	765 x 272 x 142 mm
Weight	3400g
Antenna Color / Material	Gray, Fiberglass
Connector type	N-Female
Mounting hardware	$\varnothing$ 50~ $\varnothing$ 75

**ENVIRONMENTAL SPECIFICATIONS**

Operating Temperature	-40~55 ° C
Ingress Protection	IP53
RoHS Compliant	Yes

Issue: 2049

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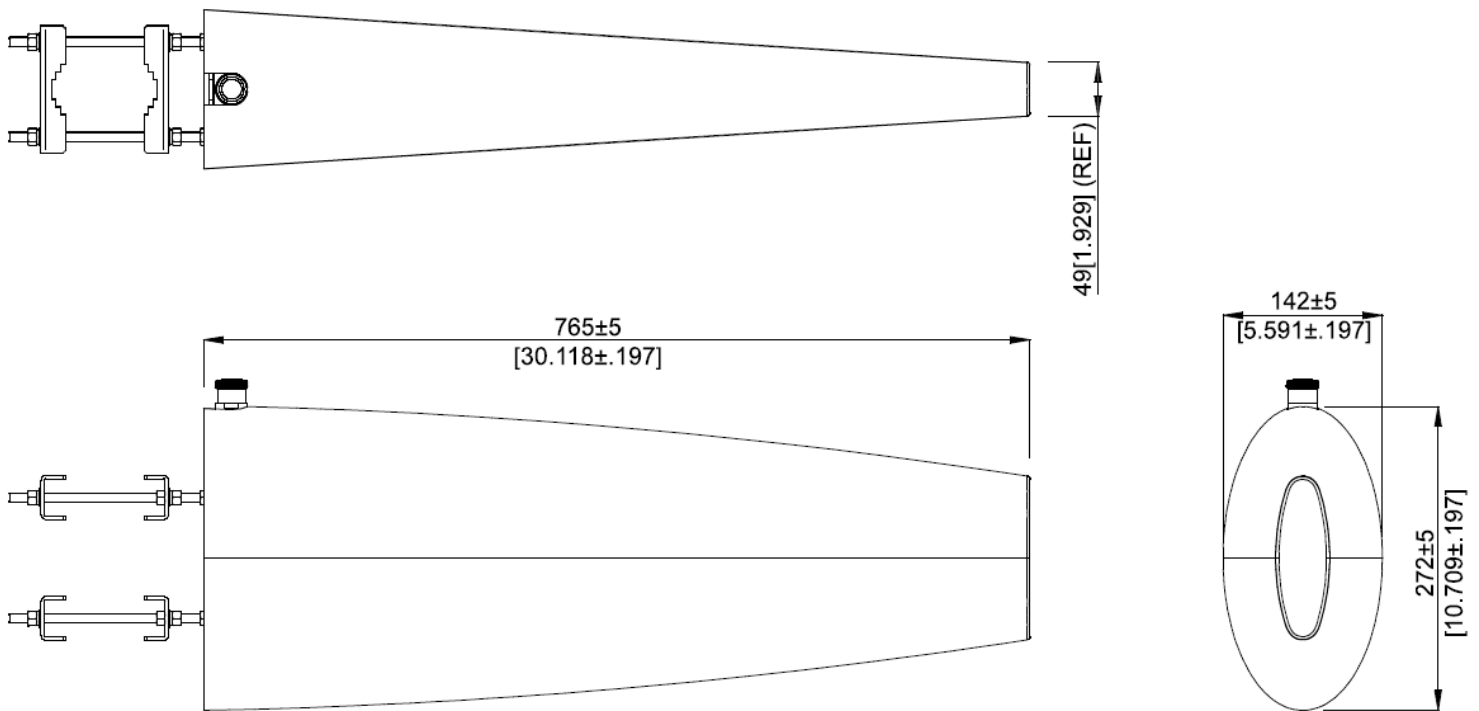


**Description:** 617-2700MHz Directional  
10/11dBi Log Periodic Antenna

**Series:** Directional Outdoor

**PART NUMBER:** W5109

### MECHANICAL DRAWING



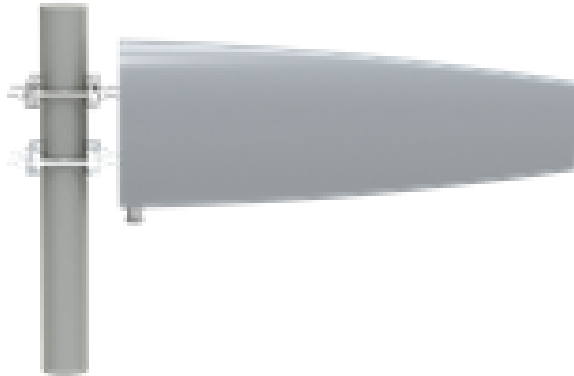
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**Series:** Directional Outdoor**Description:** 617-2700MHz Directional  
10/11dBi Log Periodic Antenna**PART NUMBER: W5109****TEST SETUP**

Issue: 2049

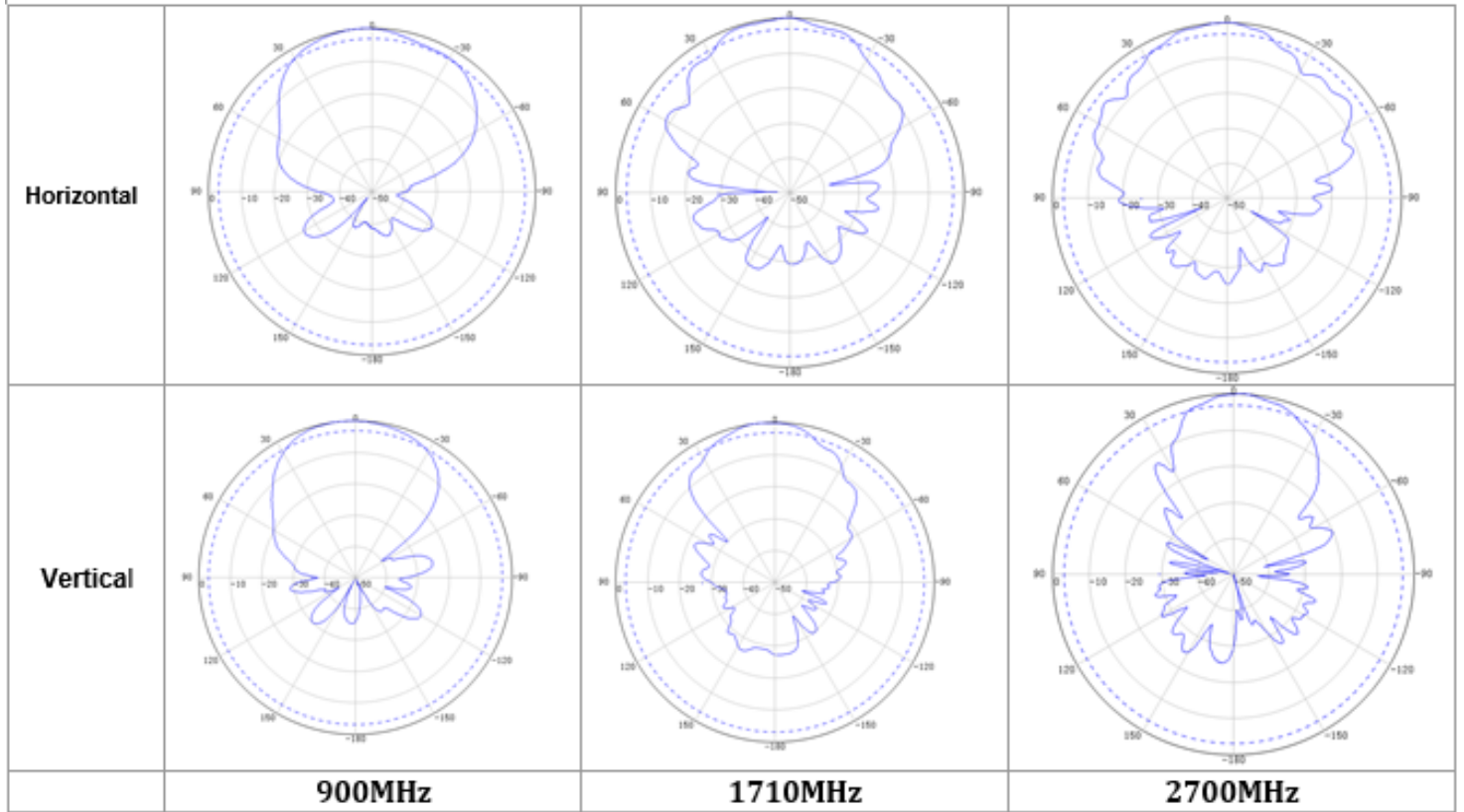
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Preliminary

## CHARTS



**Series:** Directional Outdoor**Description:** 617-2700MHz Directional  
10/11dBi Log Periodic Antenna**PART NUMBER: W5109****PACKAGING**

1 antenna packed in a plastic bag,  
1 label on each plastic bag with part number, description, date code.