

EUM Antenna SKU 305-0134

www.waverider.com

Z1836 900 MHz, Directional Panel Antenna

The Z1836 directional panel antenna is optimized to cover 900 MHz frequencies with a VSWR of less than 1.5:1, obtaining maximum gain in an attractive, low profile package. This panel antenna can be mounted indoors or outdoors.

General Specifications:
Directional panel antenna

Radome Material:
UL 94-V0 plastic

Polarization:
Linear, vertical/horizontal

Nominal Impedance:
50 Ohms

Mounting Method:
Heavy duty outdoor adjustable mount with 17° up/downtilt



Features and Benefits:

- Highly efficient and optimized antenna element provides high performance in an attractive, compact housing.
- Attractive, low profile housing blends well with indoor and outdoor environments where aesthetic considerations are important.
- Corner exit RG-58/U pigtail design permits the linear polarized panel to be mounted in vertical or horizontal polarity.
- Optional adjustable mounting brackets for indoor and outdoor mounting provide maximum installation flexibility.

Electrical Specifications

Model #	Frequency Range	Gain	Front-to-Back Ratio	3 dB Horizontal Beamwidth	3 dB Vertical Beamwidth	VSWR	Maximum Power Input	Connector
Z1836	902-928 MHz	9.3 dBi	> 17 dB	65°	65°	< 1.5:1	20 Watts	N female

Mechanical Specifications

Model #	Wind Loading (Frontal) @100 mph Wind	Temperature Range	Dimensions	Weight	Cable
Z1836	27.9 lbs.	-40 °C to +80 °C	8.8" x 8.1" x 1.6" (22.4 x 20.6 x 4.06 cm)	1.2 lbs (0.54 kg)	12" (30.5 cm) LMR195

For more information on WaveRider's Last Mile Solution® products, please visit: www.waverider.com • 416 502 8657

WaveRider Communications Inc.
255 Consumers Road, Suite 500, Toronto, Ontario, Canada M2J 1R4

WaveRider