

5GFR1 Omnidirectional Antenna

Monopole Cellular Antenna – Base Station

MHO5G-FR1LP



Description

High-performance, 5G base station antenna designed for broadband access.

Technologies

- 5G Cellular

Features

- Innovative design for harsh environments
- White UV-stable ASA housing
- Easy to install



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The MHO5G-FR1LP high-performance omnidirectional antenna series is designed to cover frequencies from 617-960 MHz, 1695-4200 MHz for broadband access applications. With its integral N Male connector option at the base, this antenna can be directly mounted on the radio equipment.

Features

- Slender, rugged housing (1" OD)
- Innovative sealed version for harsh environments
- White UV-resistant radome; protects the antenna elements from environmental factors

Certifications



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Standard Configuration

Model	Connector
MH05G-FR1LP	N Male

Electrical Specifications

Frequency Ranges (MHz)	Max Gain (dBi)	VSWR	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth	Average Power (watts)	Nominal Impedance (ohms)	Polarization
617-640	0.6	3.5	360°	LB/HB 95° / 50°	25	50	Vertical, linear
640-896	1.4	2.5					
896-960	0.5	3.5					
1695-2000	3.5	3.0					
2000-2400	2.0	3.0					
2400-2700	2.5	3.0					
3300-4200	6.0	2.5					

Mechanical and Environmental Specifications

Specification	MH05G-FR1LP	
Dimensions	Radome	1.0 OD x 4.5 H in (2.54 x 11.43 cm)
	Connector	1.1 OD (2.79 cm)
Weight		0.17 lbs. (.08kg)
Housing material		White UV-stable ASA
Rated wind		125 mph (201.17 kph)
Temperature range		-40°F to +185°F (-40°C to +85°C)
Ingress protection		IP67

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this product contact your
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