

EM-6173 | Antenna, Ultra-Wideband, Passive, Flat Panel



Description

The Electro-Metrics EM-6173 is a Passive Ultra-Wideband Flat Panel Antenna. With a thin profile, tamper-resistant ports, and built-in recessed wall mounts, the EM-6173 is perfect for SIGINT and IPMS applications where a discrete profile is preferred or required.



Specifications

Electrical

Frequency Range: 100 MHz - 26.5 GHz

VSWR: 1GHz-26.5GHz < 2:1 Typical

400 MHz – 1 GHz < 4:1 Typical

Impedance: 50Ω, Nominal

Gain: 600MHz-26.5GHz Nominal 2 dBi

@400MHz Nominal -5 dBi

@100MHz Nominal -46 dBi

Connector: SMA (female)

Mechanical

Dimensions:

Height: 17.8 cm (7")

Width: 17.8 cm (7")

Depth: 2 cm (0.7")

Weight: 0.72 kg (0.56 lbs.)

Mounting Options:

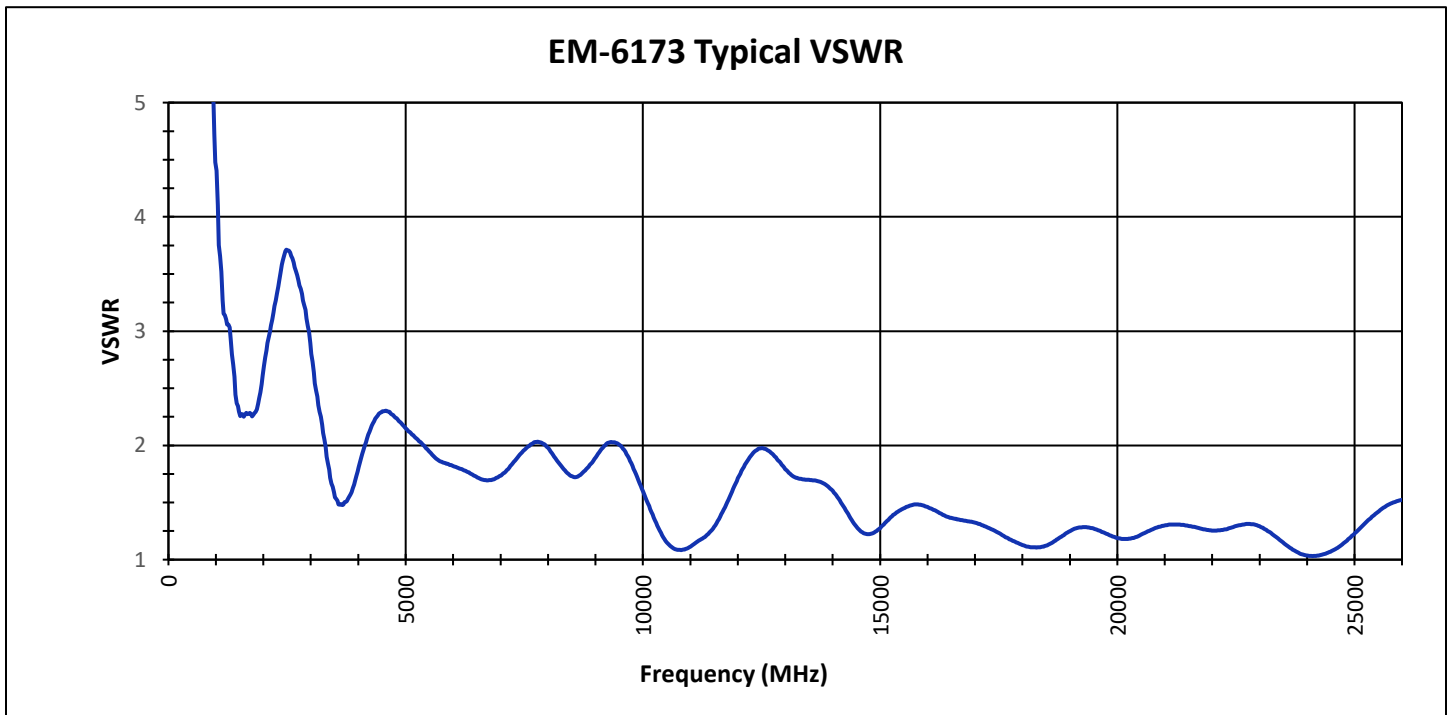
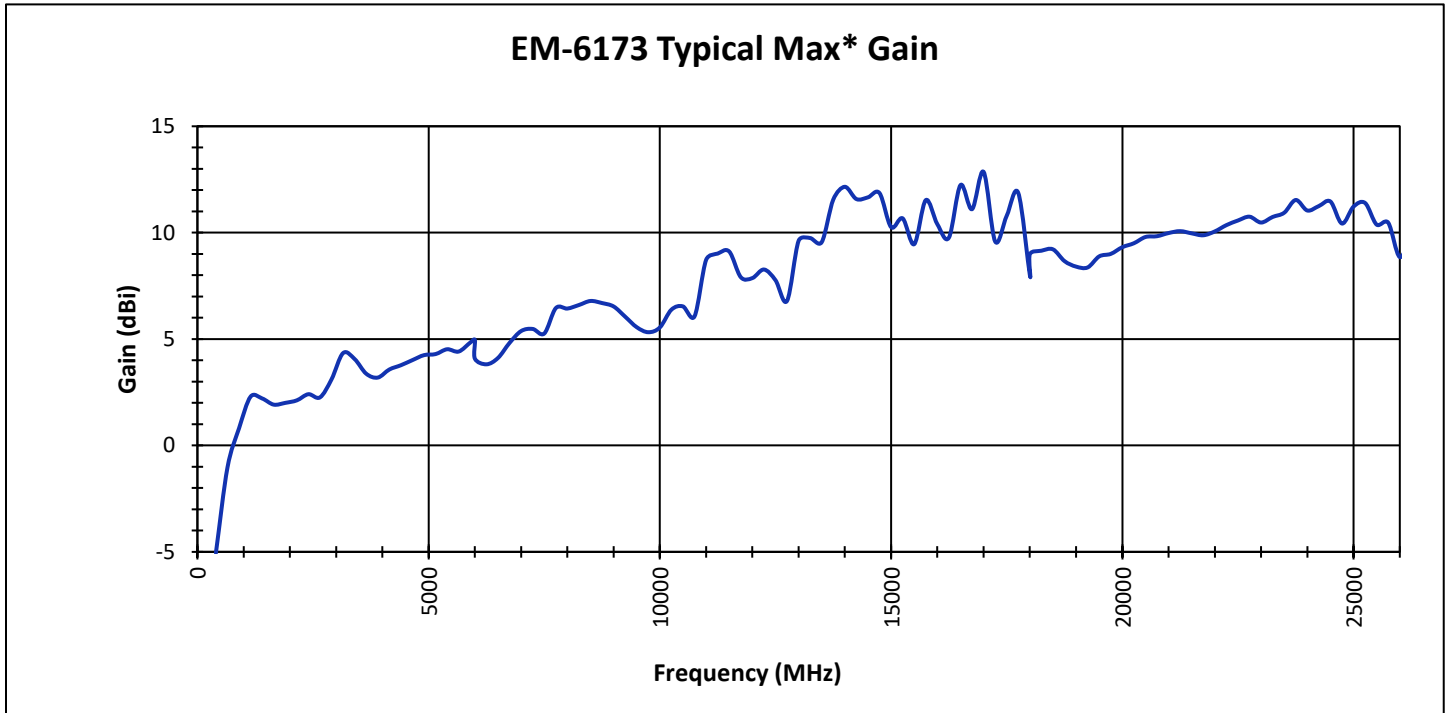
Recessed Wall Mount (included)

Color Options:

- White (default)
- Custom colors available upon request

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.





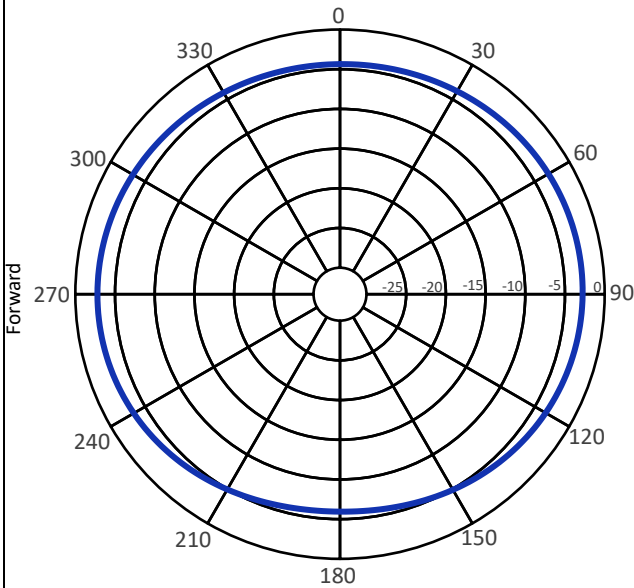
*Maximum Gain determined from scans at all radiation angles and elevations. Data shown is typical, not guaranteed.

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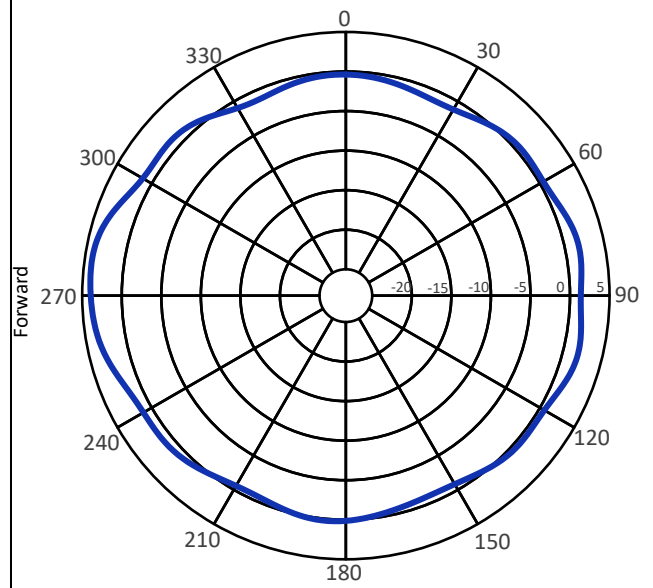


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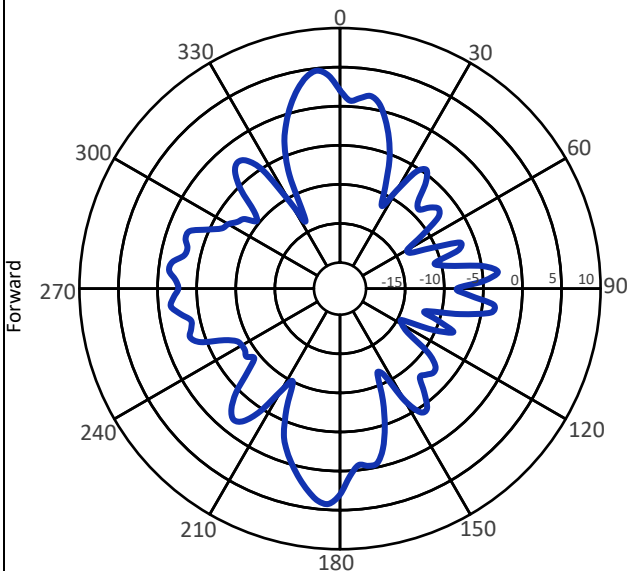
EM-6173 Azimuth Pattern, 1GHz



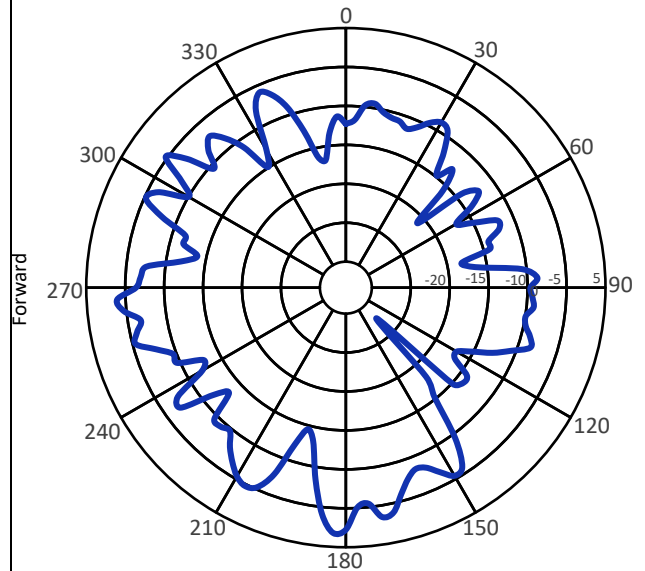
EM-6173 Azimuth Pattern, 6GHz



EM-6173 Azimuth Pattern, 18GHz



EM-6173 Azimuth Pattern, 26GHz



Scale: 5dB/Division. Maximum value varies per chart.

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