

EM-6725 | Antenna, Ultra-Wideband, Omni-Directional, Passive



Description

The EM-6725 is a compact, Ultra-Wideband Omni-directional antenna that delivers exceptional performance across its wide frequency range, including most major US Cellular/ISM/communications bands.

Designed for ease of deployment, the antenna features a detachable magnetic mount in addition to its integrated 1/4"-20 tripod mount, allowing for flexible positioning in field and laboratory settings.

MIL-STD-810H

The EM-6725 has passed the Hot Temperature, Cold Temperature, Blowing Rain, Blowing Sand, and Shock and Vibration Environmental Tests, in accordance with MIL-STD-810H. It is a high-performance, mission-ready solution designed to meet the demands of modern RF applications in defense, industrial, and research environments.

Please contact EM Antennas for the detailed report.

Specifications

Electrical

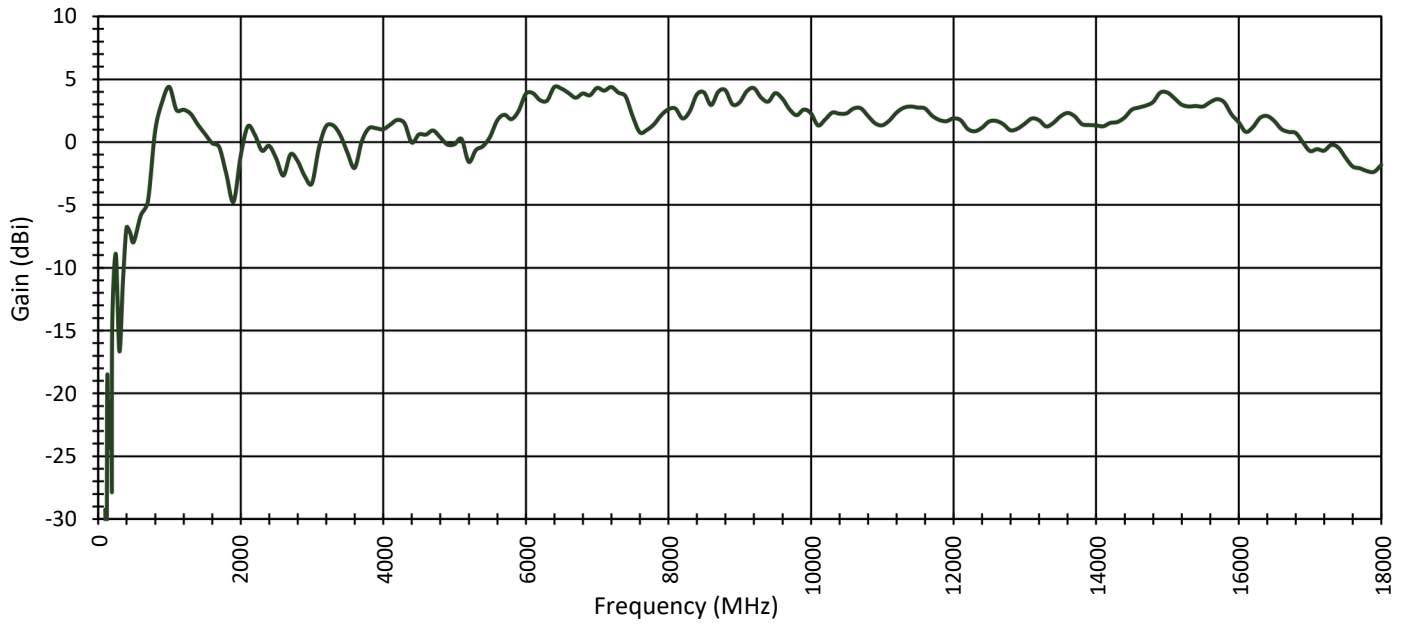
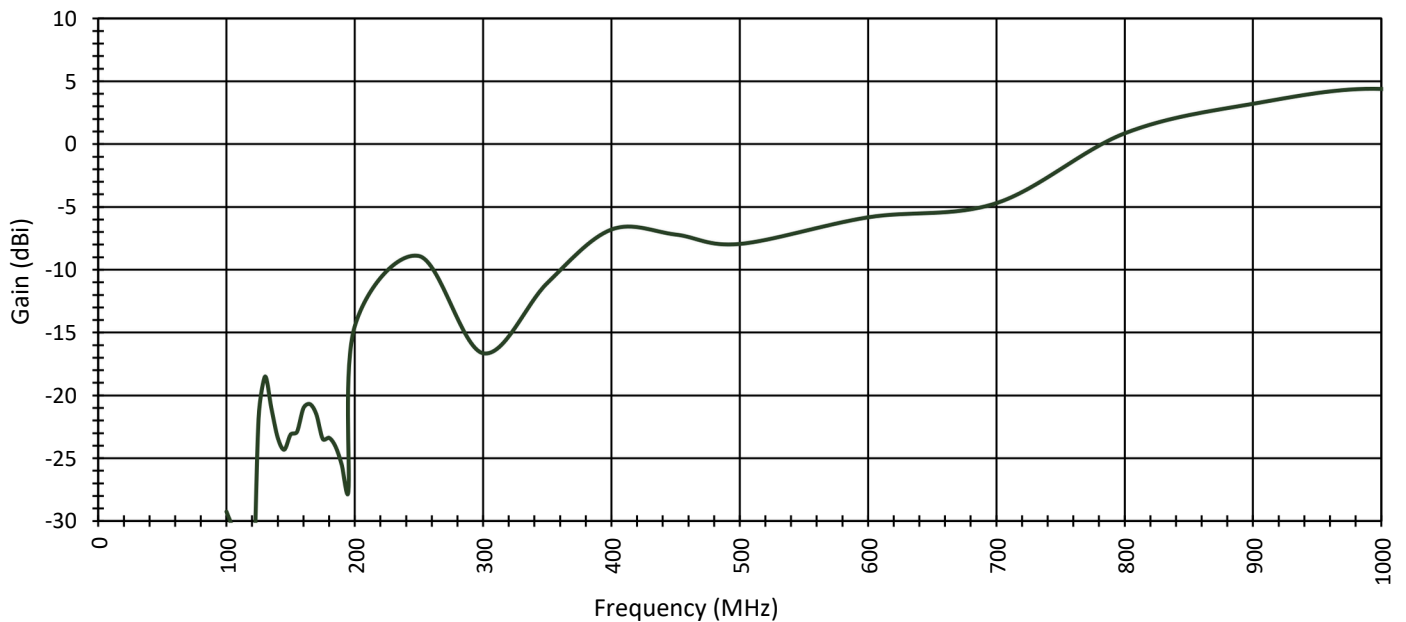
Frequency Range:	150 Mhz – 18 Ghz
Polarization:	Linear, Vertical
VSWR:	< 2:1 typical above 300 MHz
Radiation Pattern:	Omni-directional
Impedance:	50Ω, Nominal
Gain:	2 dBi Nominal Above 500 MHz
Max* Power:	50W CW above 400 MHz 100W Peak above 400 MHz
Connector:	Type‘N’ (EM-6725 100 MHz–18 GHz)

Mechanical

Height (Antenna Only):	7.0 in. (17.3 cm)
Diameter:	2.88 in. (7.4 cm)
Weight (Antenna Only):	1.2 lbs. (545 g)
Mounting Options Available:	2x ¼"-20 Mounting Studs (Included) XF-N274 ¼"-20 Detachable Antenna Mount XF-N438 ¼"-20 Magnetic Mount
Color Options:	Black (default) Custom colors available upon request

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

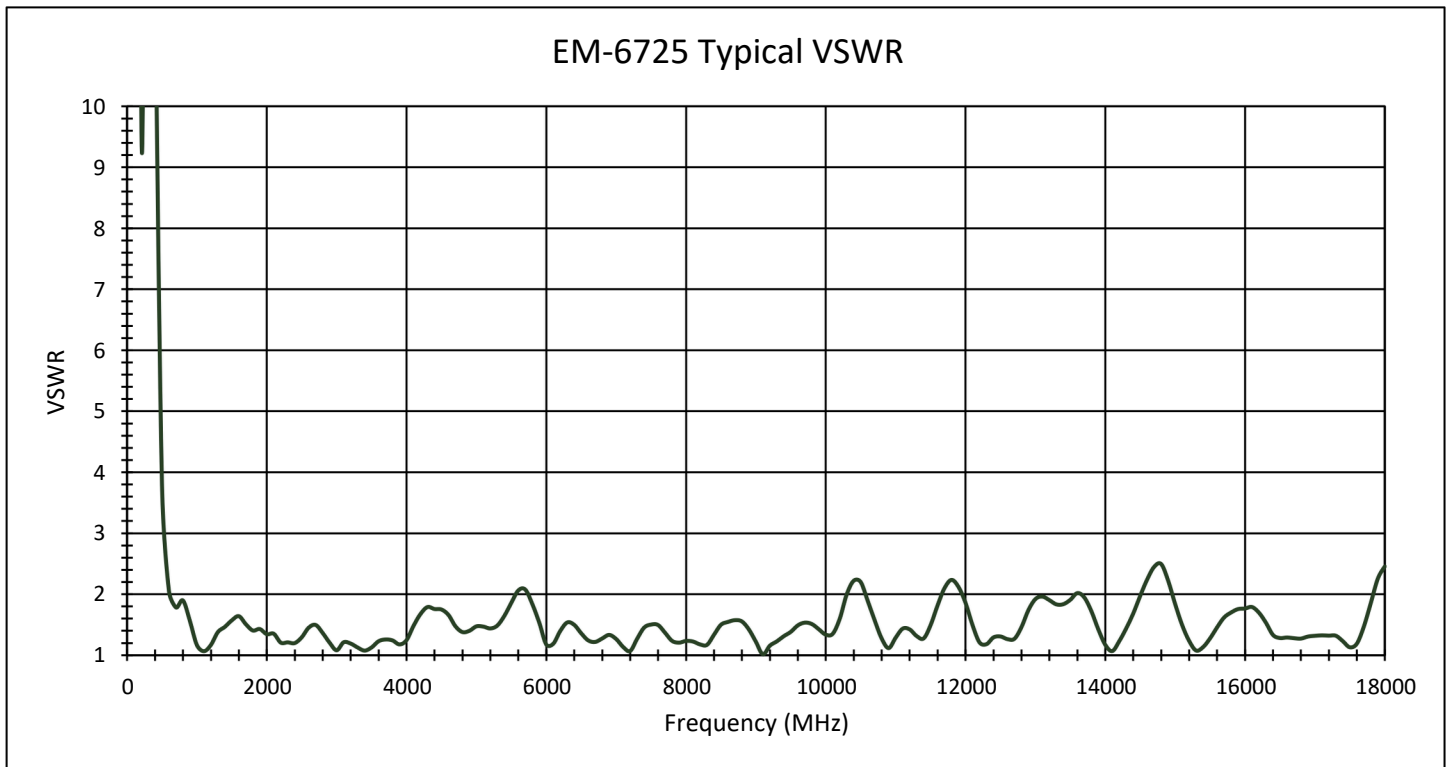
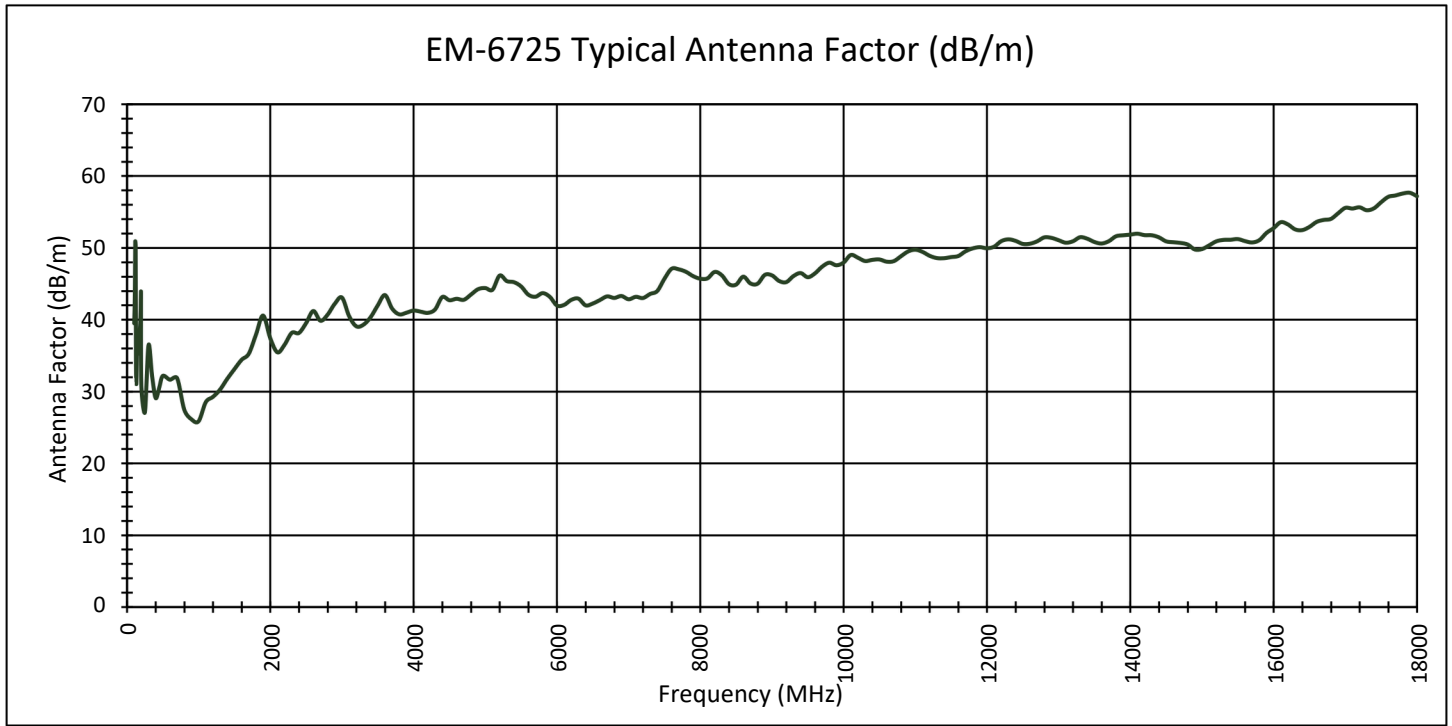


EM-6725 | Antenna, Ultra-Wideband, Omni-Directional, Passive**EM-6725 Typical Max* Gain (dBi)****EM-6725 Typical Lower Range Max* Gain (dBi)**

Max* Gain values determined from scans at all Azimuth.
Data shown is typical, not guaranteed.

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

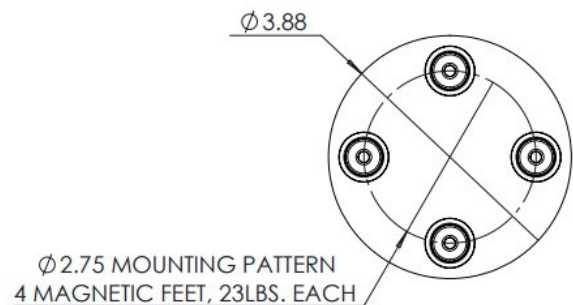
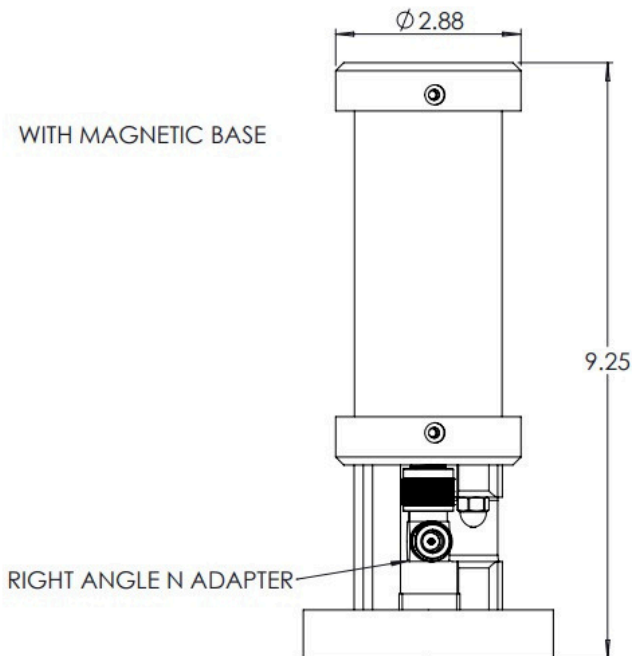
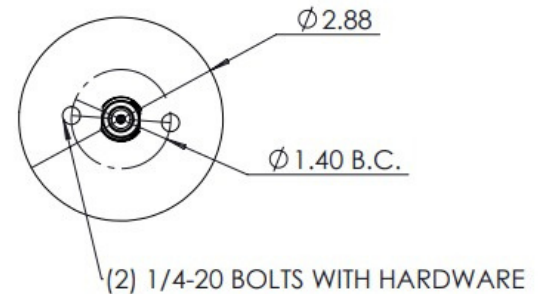
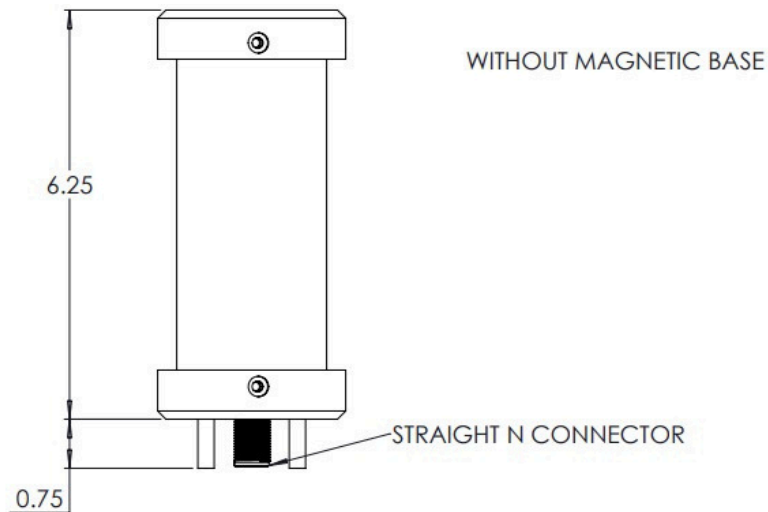


EM-6725 | Antenna, Ultra-Wideband, Omni-Directional, Passive

Data shown is typical, not guaranteed.

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



EM-6725 | Antenna, Ultra-Wideband, Omni-Directional, Passive

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

