EM ANTENNAS

DATASHEET

SBA U.S. Small Business Administration HUBZONE CERTIFIED

EM-6871 | Antenna, Passive Loop



Description

The EM-6871 Loop Antenna obtains magnetic field measurements from 30 Hz – 1 MHz. The antenna has a balanced faraday shield that reduces its response to electric fields to an insignificantly small amount, which results in practically pure magnetic field measurements. Unit supplied with typical data, calibrated data optional.

.

Use Cases

The EM-6871 Antenna is particularly well-suited for use in meeting Federal Standards because they are designed for maximum sensitivity to the magnetic field in its respective frequency ranges. Also, this loop antenna is suited for use in compliance testing to RE01 and RE101 of MIL-STD-461, RE04 of MIL-STD-461A, FCC/VDE/CISPR mandates, plus other government standards.

Specifications

Electrical

Frequency Range:	30 Hz – 1 MHz
Impedance:	50Ω, Nominal
Connector:	BNC (f) (EM-6871 | 30Hz-1MHz)

Mechanical

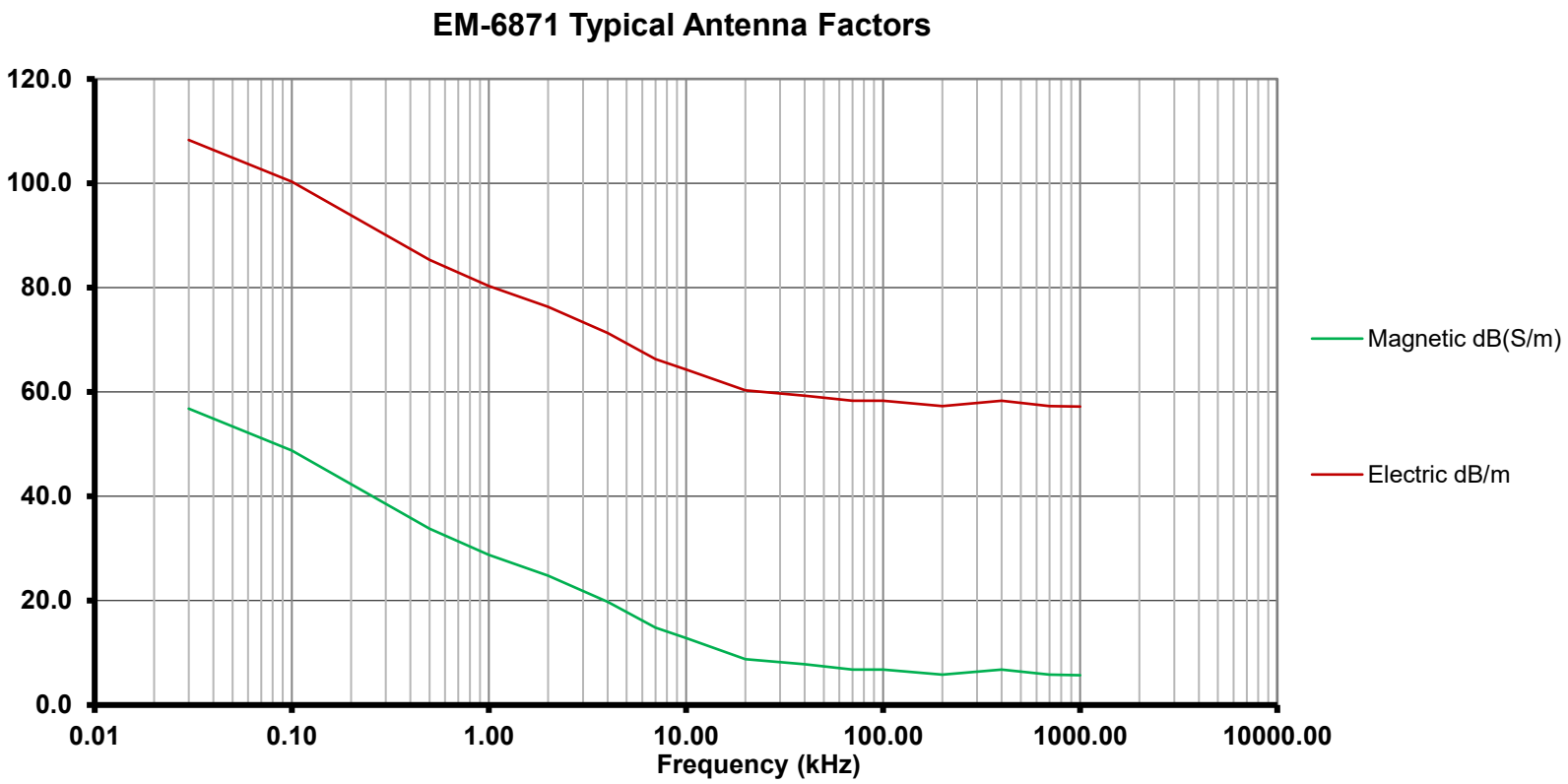
Overall Height:	24 in. (61 cm)
Outside Diameter:	21 in. (53.3 cm)
Weight:	1.5 lbs. (0.7 kg)
Base Mounting:	5/8-11 Threaded Receptacle
Color Options:	White (default)

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

MADE IN USA

231 Enterprise Rd., Johnstown NY 12095 518.762.2600 www.em-antennas.com

EM-6871 | Antenna, Passive Loop



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

MADE IN USA