EM ANTENNAS

DATASHEET

SBA U.S. Small Business Administration HUBZONE CERTIFIED

EM-6870 | Antenna, Passive Loop



Description

The EM-6870 Loop Antenna obtains magnetic field measurements from 20 Hz – 100 kHz. 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. The antenna must be correctly oriented for best sensitivity.

Unit supplied with typical data, unit-specific calibration data available.

Use Cases

The EM-6870 is suited for use in compliance testing to RE01/RE101 of MIL-STD-461, RE04 of MIL-STD-461A, CISPR recommendations plus other government and federal standards.

Specifications

Electrical

Frequency Range:	20 Hz – 100 kHz
Impedance:	50Ω, Nominal
Connector:	BNC (f) (EM-6870 | 20Hz-100kHz)

Mechanical

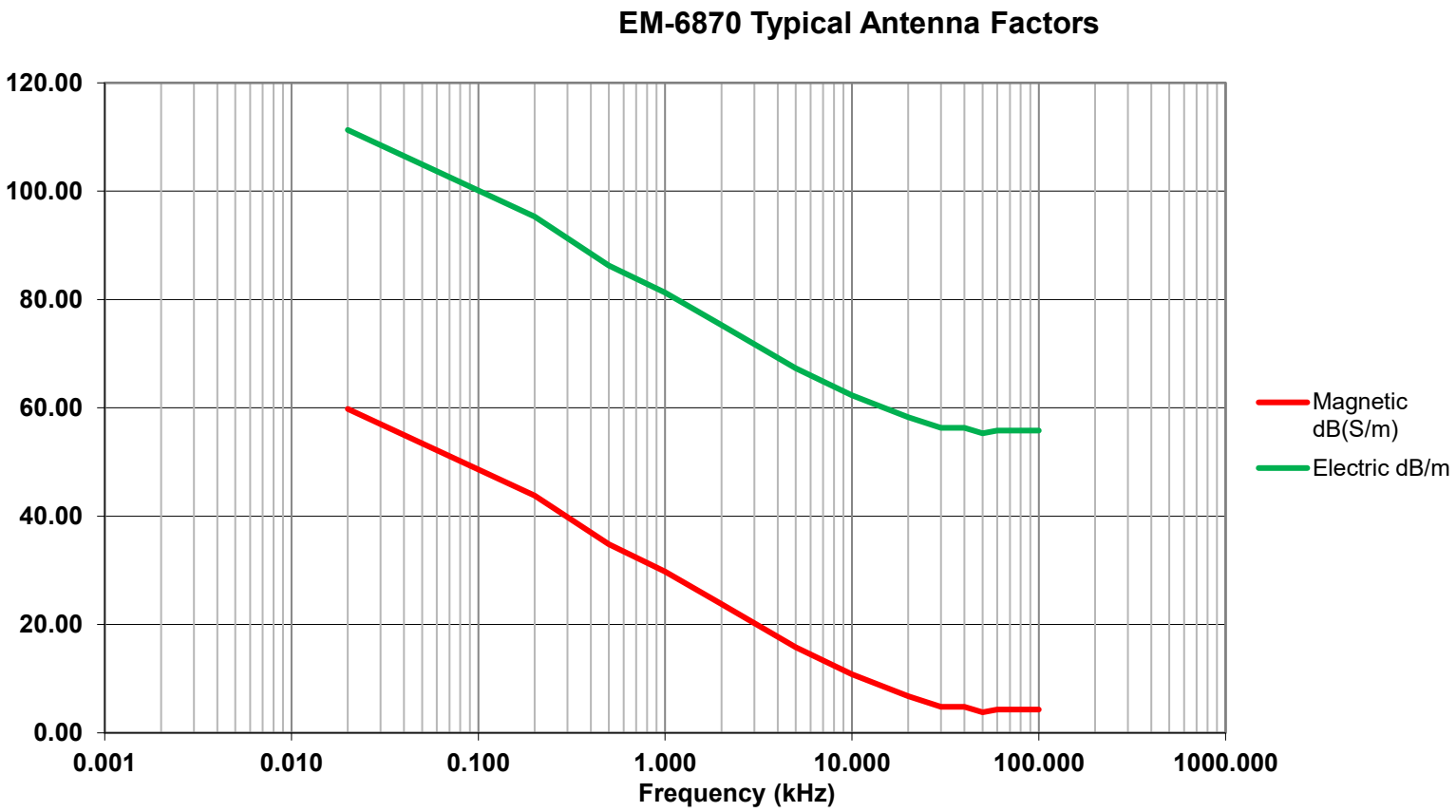
Overall Height:	27 in. (68.6 cm)
Outside Diameter:	25 in. (63.5 cm)
Weight:	1.1 lbs. (0.5 kg)
Base Mounting:	5/8-11 Threaded Receptacle
Color Options:	White (default)

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

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