

EM-6924 | Antenna, Tunable Dipole Set



Description

The EM-6924 tuned dipole set is the reference antenna for FCC and VDE measurements in the 28-1000 MHz range. Results from other linearly polarized antennas in the certifications process must be correlated with the results obtained from a tuned dipole.

Virtually identical to the actual antennas used by the FCC, the EM-6924 dipole set is ideal for EMI testing and site attenuation measurements in accordance with both FCC parts 15 and 18, as well as ANSI C63.4, VDE 0871 and 0875, and other EMI specifications.

Specifications

Electrical

| | |
|----------------------------------|--|
| Frequency Range: | 28-1000 MHz (calibrated) EM-6923: 28 - 70 MHz EM-6925: 70 - 175 MHz EM-6926: 175 - 400 MHz EM-6927: 400 - 1000 MHz |
| Input Impedance: | 50 Ohms |
| Connector: | Type BNC (Type N optional) |
| VSWR: | Typically less than 1.6:1 |
| Balun Loss: | 0.5 dB maximum |
| Maximum Continuous Power: | 20 W |

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



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Features

- Wide frequency range
- FCC Standard Antenna
- Excellent sensitivity passive antennas
- Low-loss construction
- Rugged transport case included
- Compatible with any 50 Ohm testing instruments
- Easily transported

Specifications

Mechanical

| | Length | Head Width | Rod Diameter | Weight | Balun Dimensions |
|----------------|-------------------|----------------|----------------|---------------|--|
| EM-6923 | 45.7 cm (18.0") | 7.62 cm (3.0") | 11 mm (0.43") | | Width: 12.7 cm (5.0") Height: 6.35 cm (2.5") Depth: 9.53 cm (3.75") Weight: 682 g (1.5 lbs) |
| EM-6925 | 50.17 cm (19.75") | 7.62 cm (3.0") | 11 mm (0.43") | 341 g (12 oz) | |
| EM-6926 | 47.63 cm (18.75") | 7.62 cm (3.0") | 11 mm (0.43") | 341 g (12 oz) | |
| EM-6927 | 46.63 cm (18.25") | | 5.2 mm (0.21") | 227 g (8 oz) | |

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