

Omnifield Antenna® OFA-G



Active broadband isotropic antenna OFA-G for selective RF spectrum monitoring and field strength measurements. Antenna head has 3 internal orthogonal antennas. Signals from each antenna are combined to allow output signal to be proportional to the absolute value of the field strength regardless of the field direction.

OFA-G Features

- High dynamic range and extremely broadband frequency response independent of antenna orientation.
- Operates with any RF spectrum analyzer for variety of RF safety and regulatory, EMC, wireless and telecommunications applications.
- Omnifield Antenna® OFA-G has unique patented design and offers great value for users on a budget.
- OFA-G consists of antenna head with handle and detachable power unit PU-5G.
- PU-5G contains a gain stage, rechargeable battery and connectors for the antenna, output cable and charger.
- Spectrum Analyzer can be preprogrammed with OFA-G antenna factors, supplied with each antenna, allowing the data display in natural field strength or power density units.

OFA-G Specification

- Antenna sensor: **Isotropic 3-Axis.**
- Frequency range: **30 MHz - 6 GHz.**
- Dynamic range: **1 mV/m - 60 V/m.**
- Size: Antenna (LxD) **9.0"x 2.25".**
Power Unit: **3.75"x2.25"x1.25".**
- Rechargeable battery operation time: **10 hours.**
- Warranty and recommended calibration period: **1 year.**
- Calibration certificate, traceable to **UK NPL**, with measured linearity, antenna factors (AF) and rotational isotropicity.



Standard OFA-G kit Includes:

- Antenna unit OFA-G.
- Power unit PU-5G.
- Custom 5 ft. ferrite beaded RF cable.
- AC/DC universal plug-in charger.
- Table tripod with mounting clip.
- Users Manual with documentation.
- Rugged foam padded storage case.

