

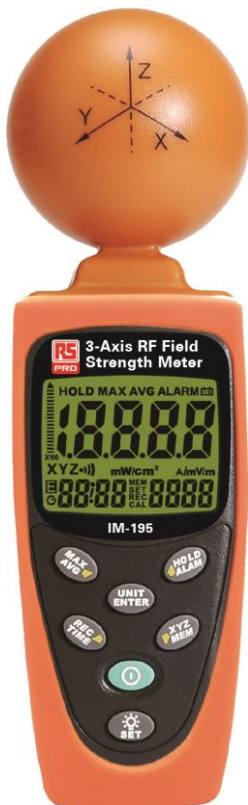


ENGLISH

Datasheet

Stock No. 106-5307

RS THREE AXIS RF FIELD STRENGTH METER



Feature:

- The auto-ranging units of measurement and the measurement types have been selected to expressed in units of electrical and magnetic field strength and power density.
- Non-directional (isotropic) measurement with three-axis measurement sensor.
- Selectable display functions of the instantaneous value, the maximum value measured or the average value.
- Configurable alarm threshold function.
- This meter is capable of recording 200 measurements.
- Low battery and over load indications
- Zero adjustment.
- Sampling Rate: 2.5 times per second.
- **PLEASE NOTE - not suitable for any safety-related applications.**

Specifications:

- Display: LCD display with maximum reading of 3999.
- Sampling Rate: 2.5 times per second.
- Sensor: Triple axis.
- Frequency Range: 50MHz to 3.5GHz.
- Accuracy: ± 1 dB at 2.45GHz.
- Measurement Units: mV/m, V/m, μ A/m or mA/m, μ W/m², mW/m², μ W/cm².
- Specified measurement range:
 1. CW signal (f >50MHz): 38mV/m to 11.00 V/m, 53.0uA/m ~ 29.28mA/m, 0.01uW/m² ~323.3mW/m², 0.001uW/cm² ~32.3uW/cm²
 2. Dynamic range: Typically 75dB.
 3. Absolute error at 1V/m and 2.45GHz: ± 1.0 dB.
- Frequency response:
 1. Sensor taking into account the typical CAL factor:
 - ± 2.4 dB (50 MHz to 1.9 GHz).
 - ± 1.0 dB (1.9 GHz to 3.5GHz).
 2. Isotropy deviation: Typically ± 1.0 dB (2.45GHz).
 3. Overload limit: 32.33uW/cm² (11 V/m) per axis.
 4. Overload limit (0 to 50°C): ± 0.2 dB.
- Power Supply: 9V NEDA 1604, IEC 6F22, JIS 006 P. battery x 1pc.
- Battery life: About 15 hours
- Dimension: 55mm x 38mmx 195mm (LxWXH)
- Weight: Approx. 200g with battery installed
- Accessories: Manual, 9V battery and carrying bag.