

RF Power Indicator

MA25100A

400 MHz to 4000 MHz



RF Power Indicator Description

Use the MA25100A RF Power Indicator to determine if a connector is "live" with RF power that could damage sensitive measuring equipment. Mate the MA25100A to the connector in question and it will indicate the presence of high-level RF: Yellow LED if RF > +17 dBm (50 mW) or Red LED if RF > +27 dBm (500 mW).

The MA25100A can withstand RF power levels up to +50 dBm (100 W) from a 50 Ω source. The MA25100A has a very high VSWR and should not be used as a 50 Ω termination.

The MA25100A is always on and always ready. Its self-contained battery can last for years with normal use and is field-replaceable. A "self-test" button lights both indicators (red and yellow) if internal circuits and battery are functioning.

Specifications¹

| Description | Value |
|---------------------------|--|
| Yellow LED | > +17 dBm (50 mW) \pm 3 dB, typical |
| Red LED | > +27 dBm (500 mW) \pm 3 dB, typical |
| Self-Test Button | Yellow + Red LED (unit is functioning and ready) |
| Maximum Input Power | +50 dBm (100 W) |
| Connector | DIN 7/16 (m), 50 Ω |
| Field-Replaceable Battery | 1/2 AA Lithium, 3.6 V (Type ER14252) |
| Weight | 170 g (6 oz) |

1. Specifications apply when connected to a 50 Ω source.



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