



WALL-MOUNT 2450 MHz MICROWAVE SURVEYMETER Ref. DFM M24DC

The microwave survey meter DFM M24DC 2450MHz is a system designed to measure and alarm if microwave leakage is detected in the immediate vicinity of a microwave system (domestic microwave oven, laboratory & industrial installations). The DFM M24DC is to be fixed on a wall, up to 20 m from the system to be surveyed.



To adjust its sensitivity of detection, the DFM must be positioned in the vicinity of the equipment to be surveyed on which, a microwave leakage of 5 mW/cm^2 has to be produced. After the adjustment of the sensitivity, if a leakage higher than 5 mW/cm^2 is detected, the DFM will alert by light and sound; also, the DFM can be used as an interlock which will stop the microwave transmission (if contact linked). The reset of the DFM can be done via its own reset button or by cutting the power off.

! **Obs.** The DFM M24DC is a microwave survey meter; for a microwave leakage meter please see our handheld IFP 2450 MHz.

Technical parameters:

REF	DFM M24DC
Frequency	2450 MHz +/- 50 MHz (integral filter)
Detection distance	Adjustable for a microwave leakage of 5 mW/cm^2 at distance up to 20 m; delivery preset 5 mW/cm^2 at 5 m CE Directive 2004-40 states max. microwave leakage level of 50 W/m^2 , i.e. 5 mW/cm^2
Mains	24 VDC, consumption 2 mA in stand-by mode, 50 mA in detection mode
Connectors	M12A, female 5 pins, for M12 standard cables, 5 m standard length (10 m optional) 2 terminals for 24 VDC, 3 terminals to contact alarm
Contacts	1 inverter, power cut-off 1 A at 24 VDC
Dimensions	160 mm x 110 mm x 62 mm, weight 350 g
Wall fixing	Base to fix on the wall with 2 screws (not provided); upper block mounts on the base through bayonet-type system - see drawing.

