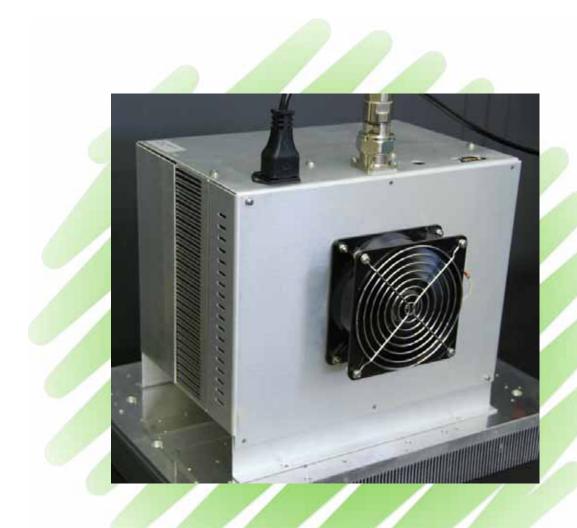


## **DL-252-FM**



2,5 kW DUMMY LOAD

88-108MHz



## **General information**

The **DL-252-FM** is a 2,5 KW Termination Load; it is allocated in a custom enclosure specifically designed to be mounted into the base of a standard EIA 19" rack. The working frequency covers the FM range 88-108 MHz with return loss > 30dB. The load is realized by combining thick film resistors on BeO substrate in order to transfer the heat exclusively by conduction to a suitable heat sink which is than cooled down by forced air. The **DL-252-FM** includes all the mechanical and electronics components in order to achieve the best efficiency and to provide the following functionalities:

- Absorption of the applied RF Power
- System cooling by forced air
- Interlock protection for over temperature and over drive
- RF power monitoring

## **Technical Specifications**

Frequency Range 88-108 MHz
RF Input EIA 7/16"
Impedance 50 Ω
VSWR 1,1:1
Max Input Power 2.5 kW CW

• Max Input Power 2.5 kW GW

• Supply Voltages 115-230 VAC (mains)

Cooling forced air

Minimum required air flow
Size
500 m³/h at the sea level
300W x 280H x 250D mm

Weight 10 Kg approx.
Temperature range 0 to +45°C

Protection
Overtemperature/Overdrive Interlock

Telemetry Power level / temperature / alarms / intelocks

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