

DL-4x152-FM



4 X 1,5 kW DUMMY LOAD
88÷108MHz

General information

The **DL-4X152-FM** is a four port , 1,5 KW FM Termination Load. It is allocated in a custom enclosure specifically designed to be mounted into the back 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-4X152-FM** includes all the mechanical and electronic 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 4 ports N type
- Impedance 50 Ω
- VSWR 1,1:1
- Max Input Power 4 x 1.5 kW CW
- Supply Voltages 115-230 VAC (mains)
- Cooling forced air
- Minimum required air flow 500 m³/h at the sea level
- Size 483W x 170H x 190D mm
- Weight 15 Kg approx.
- Temperature range 0 to +45°C
- Protection Overtemperature/Overdrive Interlock
- Telemetry Power level / temperature / alarms / intelocks