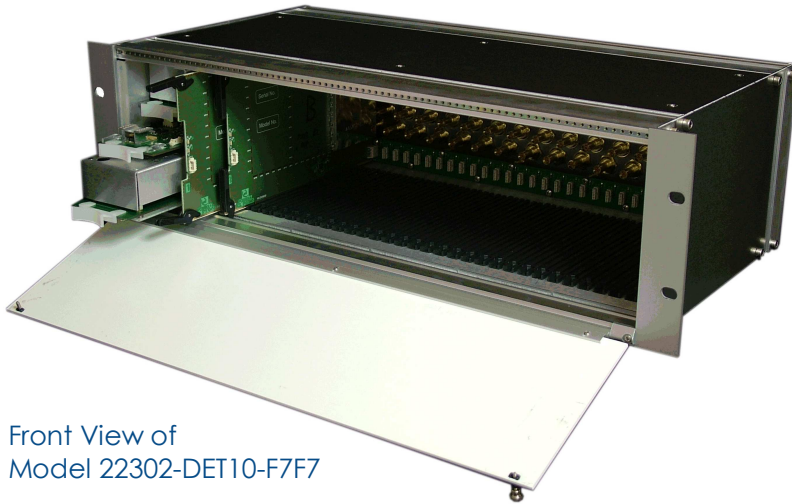




Model Number: 22302-DET10-F7F7

32 x RF Detection Shelf for Matrix Systems

With hot-swap CPU, dual redundant power supplies & RF Modules

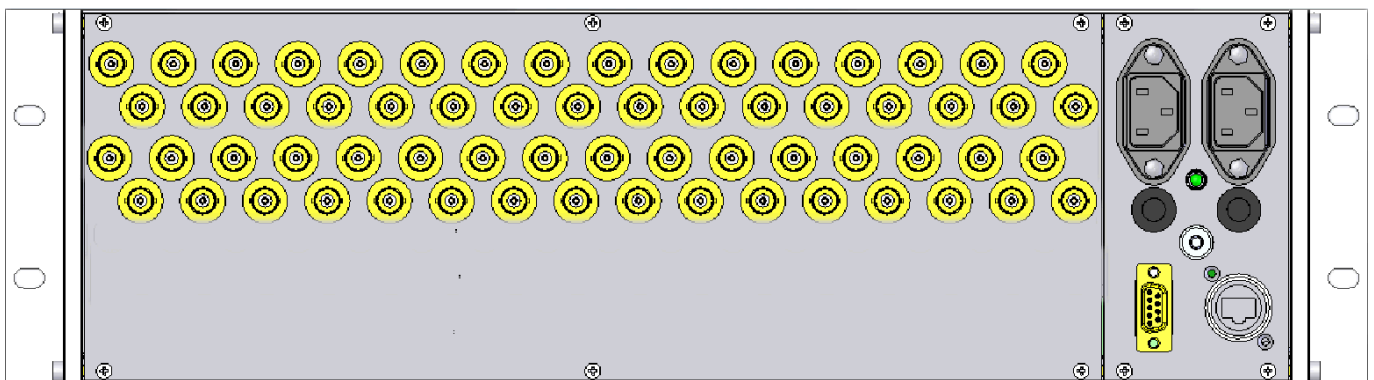


Front View of
Model 22302-DET10-F7F7

This modular matrix RF detection system holds up to 32 single RF detection modules in a 3U high, 19" rack mountable chassis. The unit is designed for use with ETL's range of matrices.

Resilience is provided via hot swap RF detection modules, hot swap dual redundant power supplies, and a hot swap CPU.

Remote Monitoring of the system can be done via the serial and Ethernet ports on the rear panel. This unit also includes Web Browser Interface as standard. Each RF module has an LED which provides simple local status monitoring.



Rear View of Model 22302-DET10-F7F7

This unit is available in a variety of impedances and connector types.





Model Number: 22302-DET10-F7F7

32 x RF Detection Shelf for Matrix Systems with hot-swap CPU, dual redundant power supplies & RF Modules

RF Engineering and Custom Build

Technical specifications and operating parameters

PRELIMINARY SPECIFICATIONS

RF Parameters (RF Detection Modules)

Capacity	Up to 32 RF Detection Modules
Frequency Range	850-2150 MHz (L-band)
Detection Range	-10 to -60 dBm
Max input level	10 dBm (no damage)
Isolation	45 dB
Insertion Loss	1.5 dB ± 0.5 dB

System Control (Chassis)

Display	Status LEDs on individual modules and power on LED on rear panel of chassis
Remote Interface	RS232 & RJ45 Ethernet 10baseT
Protocols	Serial (also over TCP/IP), Web Browser Interface, SNMP

Power (Chassis)

AC Power	85-264Vac 50/60Hz
LNB Power	None
PSU	Dual redundant
Hot-swap PSU	Yes

Environmental (Chassis)

Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

Physical (Chassis)

Input Connectors	F-type
Input Impedance	75Ω
Output Connectors	F-type
Output Impedance	75Ω
DC Blocking	Yes
Dimensions	3U high x 250mm deep x 19" wide
Weight	11 kg
Colour	White 00-E-55 semi-gloss

Key Features

- Dual Redundant Hot-swap PSU's
- Hot-swap CPU and Hot-swap RF detection Modules
- Remote Control & Monitoring

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