



CUSTOM
MICROWAVE
COMPONENTS, INC.

72x32 Non-Blocking Switch Matrix

CMCI1116: Switch Matrix



DESCRIPTION:

A 72 Input x 32 Output Non-Blocking Switch Matrix used to configure RF Environments for carrier end-to-end backhaul testing

KEY FEATURES:

- Intuitive browser graphical user interface
- Easy to network and use
- API to support automated testing
- Solid-state reliability and repeatability
- Modular line-replaceable active units w/built-in spares
- Distributed hot-swappable redundant supplies
- System health monitoring and reporting
- Ultra-low operating power (<85W)
- Ultra-quiet operation

ELECTRICAL:

- Frequency: 0.7 to 3.0 GHz (optional 0.7 to 6.0) GHz
- Insertion Loss: 30 dB max
- Isolation:
 - Input/Input: 70 dB min
 - Input/Output: 70 dB min
 - Output/Output:
 - Diff Input: 70 dB min
 - Same Input: 35 dB min
- RF Power Handling: +43 dBm
- Power: 117 VAC and/or -48VDC @ 85W max

MECHANICAL:

- 31U 19" Rack-Mount

Connectors:

- RF: Type SMA-F (104X)
- Com: RJ-45 (2X)
- Power: NEMA 5-15 Male