

General Description:

The **QE3250064X64CABFF000** is a matrix switch and switching subsystem that provides a complete 64x64 matrix, including hot-swappable cards, redundant power supplies, and redundant system controllers in a 6 RU chassis. The modularity of the QE3 Matrix Switching System permits a wide variety of configurations ranging from 8x16 up to 1024x1024. The unit provides easy access to cards for seamless upgrades and maintenance via the front panel without requiring cables to be disconnected or disrupting the signal paths of other cards in the system.

Specifications:

Operating Frequency:

Gain Range (manual mode):

Impedance:

P1dB:

OIP³

RF Input Power:

RF Output Power:

Output AGC Level:

Frequency Response:

Isolation (input-to-input):

Isolation (output-to-output):

Isolation (input-to-output):

Input Return Loss:

Output Return Loss:

Noise Figure:

L-Band	IF
950-2150 MHz	50-200 MHz
-12 dB to +18 dB in 0.5 dB steps	0 dB to +30 dB in 0.5 dB steps
75 Ω	75 Ω
+1 dBm	0 dBm
+11dBm	+17 dBm
-10 dBm to -70 dBm	-10 dBm to -70 dBm
-10 dBm	-10 dBm
-10 dBm to -50 dBm	-10 dBm to -50 dBm
± 1.5 dB	± 1.5 dB
± 0.5 dB over any 36 MHz channel	± 0.5 dB over any 36 MHz channel
70 dB min.	70 dB min.
60 dB min.	60 dB min.
60 dB min.	60 dB min.
15 dB	13 dB
14 dB	10 dB
22 dB @ 0 dB gain	

Configuration:

RF Connectors:

Power Requirements:

Power Consumption:

Local Control:

PC Remote Control:

Software:

Mechanical:

Weight:

Certifications:

64 inputs / 64 outputs

BNC, 75 Ω

100-240 VAC autoranging, 50/60 Hz

500 W @240 VAC for 64x64 configuration

Front panel keypad with LCD display

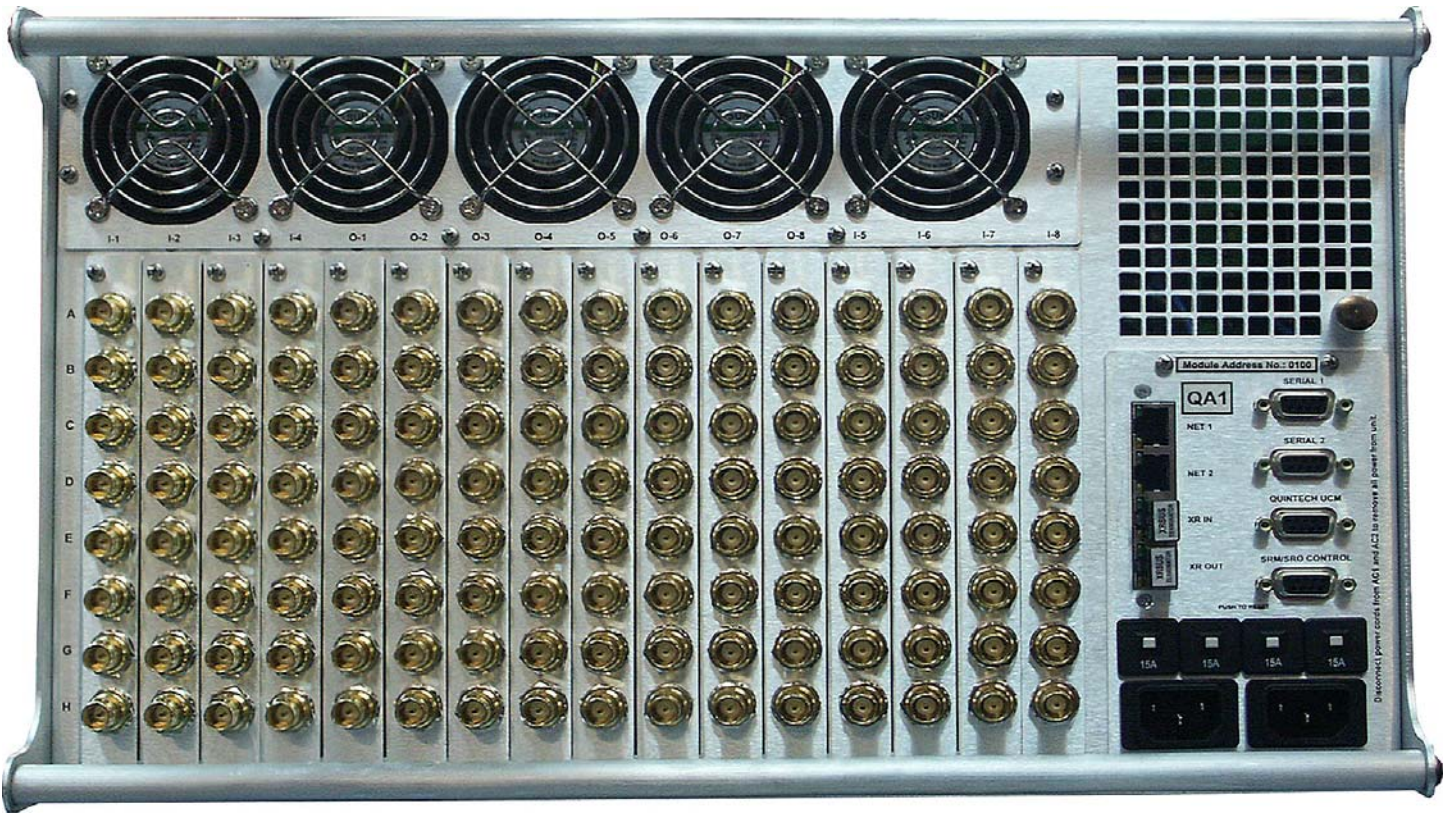
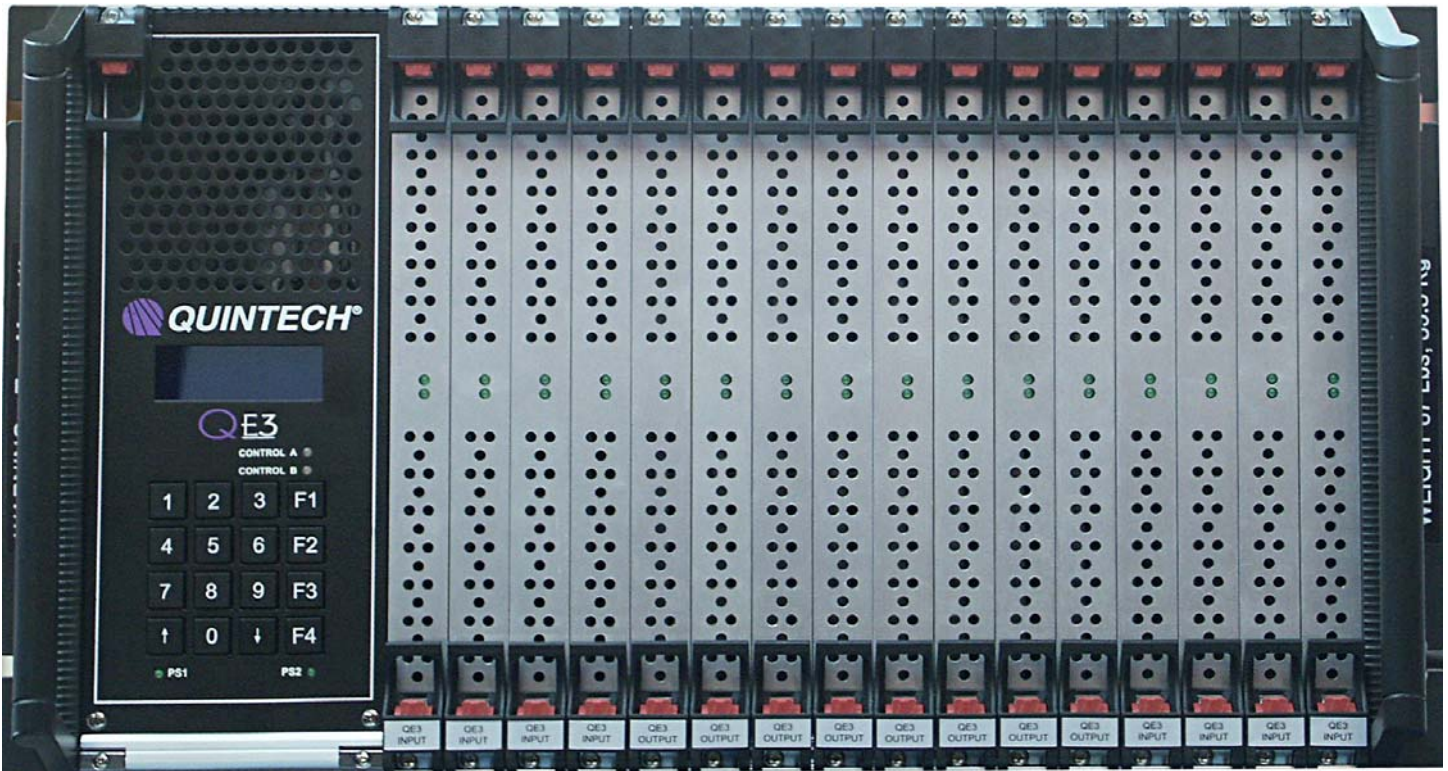
RS-232, RS-422/485, SNMP, TELNET or TCP/IP
via customer-supplied PC

Basic PC-compatible operating software and system protocol included
with system

6 RU (10.5" H x 19" W x 25-1/4 " D) (including rear handles)

112 lbs. gross (boxed) 89 lbs. net

CE, NRTL/TUV, FCC Part 15



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