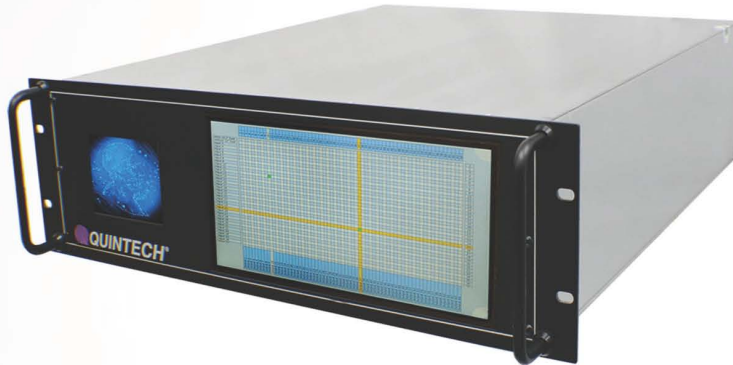


ARCHIMEDES

Quintech DXM 2150

DXM 64 x 64 L-Band Matrix Switch



General Description:

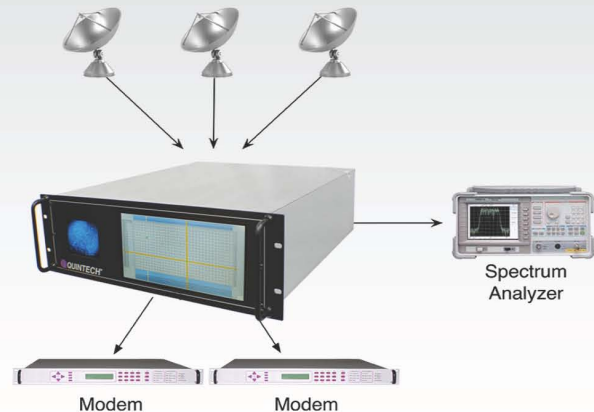
The Archimedes DXM RF matrix switch features up to 64 inputs and 64 outputs in the most compact 4RU chassis. The DXM is a full fan-out, non-blocking RF matrix switch where any input can be routed to any or all outputs. Designed for high reliability and uptime, the DXM features redundant power supplies and control cards. The RF input and active cards can be easily replaced from the front panel without any special tools or disconnecting any cables. The flexible backplane allows the user to choose between 50Ω and 75Ω connectors, or a combination of both. Input connectors have the option for fiber optic receivers. The DXM has the option to provide 13/18 V LNB power and 22 kHz tone to remotely switch between LNB polarities and bands. A full color multi-touch display is available with the option for an integrated TV-receiver. Manual gain and tilt control allow the user to adjust power levels for optimum signal performance, and RF sensing with optional signal level recording help diagnose signal quality.

Features & Benefits:

- Compact, modular design – 64x64 in 4 RU
- Operating range covers L-band 950-2150 MHz
- Up to 35 dB variable gain and 8 dB of tilt control
- Redundant hot-swap power supplies and control cards
- Input RF sensing and signal recording
- Optional input fiber optic receivers
- Input and output channel redundancy
- LNB power 13/18 V and 22 kHz tone
- Full color multi-touch display with optional integrated TV-receiver
- Remotely controlled via web browser interface or SNMP

Applications:

- Route multiple satellite feeds to multiple receivers or modems
- Automatically route signals for monitoring & control
- Monitor input levels to detect loss of signal conditions
- Reconfigure test configurations for compliance & interoperability testing
- Automatically connect back-up signal on primary feed loss



Buy Now!

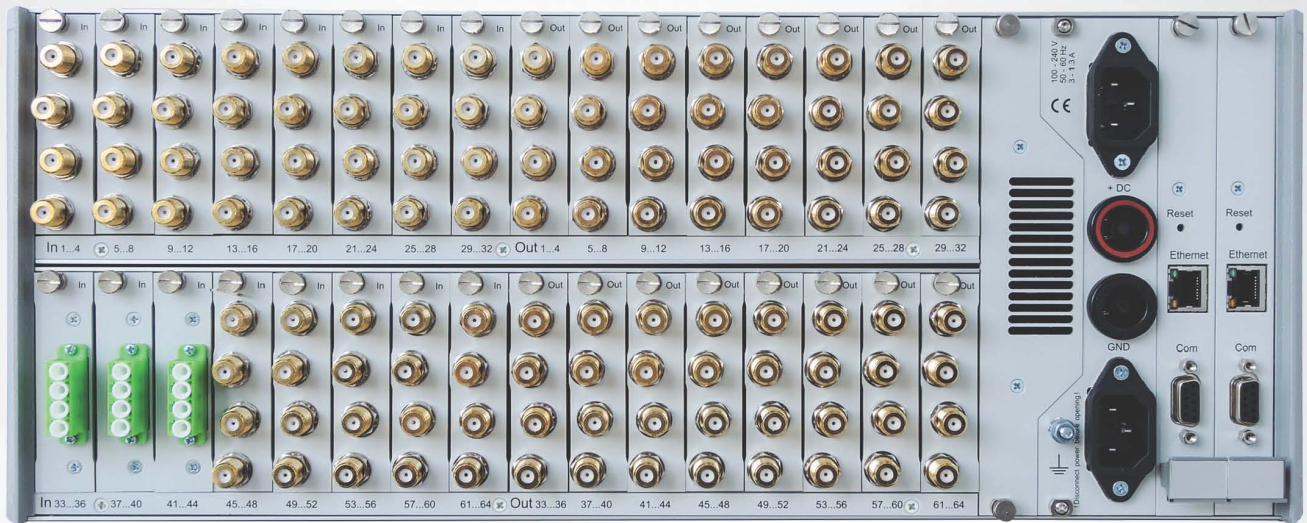



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 **QUINTECH**®
The Source for RF Reliability



Made in Germany



<p>Specifications:*</p>	<p>QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV </p>
<p>Operating Frequency: Gain Range: Impedance: P1dB: OIP3: Max RF Input Power, No Damage: Frequency Response:</p> <p>Isolation (input-to-input): Isolation (output-to-output): Isolation (input-to-output): Input Return Loss: Noise Figure:</p>	<p>950-2150 MHz 0 to +35 dB in 1 dB steps 50 Ω and/or 75 Ω 0 dBm <-40 dBc (Two tones @ -8 dBm) +25 dBm maximum +/-3.0 dB (Over entire band) +/-0.4 dB (Over any 36 MHz interval)</p> <p>60 dB Typ. 60 dB Typ 60 dB Typ. >14 dB <14 dB</p>
<p>Configurations: RF Connectors: Optical Input Connectors: Fiber Type: Connector Type: Wavelength Range: AC Input Power: Power Consumption: Local Control: PC Remote Control: <u>Mechanical:</u> Size: Weight:</p>	<p>64x64, 64x32, 32x64, 32x32 in steps of 8 inputs and/or 8 outputs F-type, SMA, BNC (75Ω) Groups of 4 SMF LC/APC 1100 to 1650 nm Auto ranging 100 to 240 VAC <130 W Front panel color multi-touch display TCP/IP SNMP, Web browser GUI</p> <p>19" W x 7" H x 25" D ~55 lbs (64x64 fully populated)</p>



*All product designs and specifications are subject to change without notice



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