

## Magenta Research 2330002-01 Matrix switch scalable to 48x48 (simplex)/ I/O 48 (Duplex)

Fiber Optic Cable Required	LC-terminated. fiber-optic cables <b>When using multi-mode SFP optic modules:</b> Compatible with standard OM1 through OM4-grade (and better) cables. <b>When using single-mode SFP optic modules:</b> Compatible with standard OS1. OS2-grade (and better) cables. Please also refer to the Voyager link user guide for additional details regarding fiber-optic cables.
Compliance	CE. FCC Part 15 Class A. C-Tick. cTUVus. RoHS
Serial Characteristics	<b>Default Serial Format:</b> 9600 baud rate, no parity. 8 data bits, 1 stop bit (9600.n.8.1) <b>Available Baud Rates:</b> 2400. 4800. 9600. 19200. 38400. 57600. 115200. 230400 <b>Available Data Formats:</b> 7- or 8-bit ASCII (high bit is forced to 0) <b>Available Parity Bits:</b> Odd. even. none. mark, space <b>Available Stop Bits:</b> 1, 1.5, 2. none Available Handshaking: None
Connectors	<b>USB (Host):</b> 3. Type "A" (if Touchscreen PC option is installed) <b>USB (Device):</b> 1 Type. "B" <b>Serial:</b> 3. DB-9F (plus 1, DB-9M if Touchscreen PC option is installed) <b>LAN:</b> 1. RJ-45 (plus 1. RJ-45 if Touchscreen PC option is installed) <b>Alarm Relay:</b> 3-pin Phoenix <b>160-Port I/O:</b> Up to 160 SFP Transceiver Modules (Duplex LC Connector). <b>48-Port I/O:</b> Up to 48 SFP Transceiver Modules (Duplex LC Connector).
Temperature Tolerance	Operating: 32 to 104°F (0 to 40°C); Storage: -4 to +140°F (-20 to *60°C)
Humidity Tolerance	Up to 80% noncondensing
Air Filter	Recommended service interval: 30 days
Enclosure Type	Front Panel: Powder coat over aluminum Enclosure: Aluminum
Power	110 - 240VAC, 50/60Hz. 9A per Power Supply Module 2 independent fully-redundant AC Mains inputs
Size	160-Port: 15.75" H x 19.0" W x 16.9" D (40 cm H x 48.3 cm W x 43 cm D) 48-Port: 8.75" H x 19.0" W x 16.9" D (22.23 cm H x 48.3 cm W x 43 cm D)
Weight	160-Port: 50.0 lb. (22.7 kg) maximum (depends on configuration) 48-Port: 27.0 lb (12.2 kg) maximum (depends on configuration)
MTBF	100,000 hours
Rack Mount	160-Port: Standard. 9 RU x 19" EIA 48-Port: Standard. 5 RU x 19" EIA