



Model ERS6FT2TX-GTX

9 Port Rack-mount Switch

6x 100FX + 2x 10/100TX + 1x 10/100/1000TX Ports



This layer 2 switch has been designed for great flexibility at a very reasonable price. Fiber 100FX ports 1 through 6, 10/100TX on ports 7 & 8, Port 9 is 10/100/1000 copper. The FX ports can be SC single mode (up to 50 km) or multi-mode (2 km) ST or SC. Triple speed products like this allow you to leverage existing technology without investment in software and personal training.

Management via console port for VLANs, QOS, Port Trunking and a number of functions.

GigE & Fast Ethernet LAN switch was designed in order to ensure cost effective, simple migration from 10 Mbps to 100 Mbps to 1000 Mbps maintaining the Ethernet transmission protocol, Carrier Sense Multiple Access Collision Detection (CSMA/CD). ***Triple speed products offer the ability to leverage your existing network investment.***

- Console port management interface
- Supports Port Based VLAN
- QOS (Quality of Service) Supports 2 queues
- For Voice over IP applications
- Fiber Ports can be Single (SC) or Multi Mode ST or SC
- Auto Negotiation for 10/100TX, Full/half Duplex & Crossover
- Wire speed reception & transmission
- Will recognize up to 2048 MAC addresses
- Supports packets to 1522 bytes
- Broadcast Storm Protection
- Made in the USA

ERS6FT2TX-GTX Series TECHNICAL SPECIFICATIONS

EMI & Safety	FCC Class A & CE							
Bandwidth	2.8 Gbps backplane, Wire speed reception & transmission							
Broadcast storm protection								
Cabling	10/100TX UTP Category 5, <i>maximum cable distance</i> 100 meters 10/100/1000TX UTP Cat. 5e or Cat. 6 100 mbps Fiber: Single mode or Multi Mode Multi Mode: 50/125 or 62.5/125, 1310 nm (50 to 100 microns) up to 2 km. Single Mode: 9/125, 1310 nm (8.3 to 10 microns) up to 50 km. 1000 mbps: SX, 850 nm 62.5/125 to 220 m, 50/125 to 500 m. LX, 1310 nm 9/125 to 10 km.							
Connectors: Total 11	DB9 for console management IEC for main power cord Ports 1 through 6: Customer choice of ST or SC multimode fiber or SC single mode fiber. Port 7-8: 10/100 RJ45: Port 9 10/100/1000TX RJ45							
Dimensions	Height 1.75" (45 mm) Depth 4.26" (109 mm) not inc. connectors Width 17.0" (430 mm)							
Environmental	<table border="1"> <tr> <td>Operating Temperature</td> <td>32 to 122 F (0 to 50C)</td> </tr> <tr> <td>Storage Temperature</td> <td>-4 to 140F (-20 to 60 C)</td> </tr> <tr> <td>Relative Humidity</td> <td>5% to 90% (non-condensing)</td> </tr> </table>	Operating Temperature	32 to 122 F (0 to 50C)	Storage Temperature	-4 to 140F (-20 to 60 C)	Relative Humidity	5% to 90% (non-condensing)	
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Flow control	Half Duplex. Back pressure							
LED Indicators, Total 29	1 for power, 3 each for Ports 1 through 8 & 4 for Port 9.							
MAC addresses	<table border="1"> <tr> <td>Look up engine supports 2048 different addresses</td> <td>Automatic learning, address aging & address migration</td> </tr> </table>	Look up engine supports 2048 different addresses	Automatic learning, address aging & address migration					
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Network Speed	Fiber 100 Mbps, 10/100Mbps on Ports 1-8, 10/100/1000 Mbps on Port 9							
Network Standards	IEEE802.3 Ethernet IEEE802.3u Fast Ethernet IEEE802.3ac VLAN tagging IEEE802.1Q VLAN IEEE802.3ad Link Aggregation Control Protocol IEEE802.1D Spanning Tree Protocol & Traffic Priorities IEEE802.1p Priority tags IEEE802.1s Multiple Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.1x Port Authentication IEEE802.3x Flow control pause							

Performance		2 Gigabit switching capacity 64 byte packet forwarding rate: 35.7 Mbps 12K x 64 SRAM Packet length to 1522 bytes Forwarding & filtering at non-blocking full wire speed										
Switch:		Reset										
Voltage and Current ratings		<table border="1"> <tr> <td>Nominal input voltages:</td> <td></td> </tr> <tr> <td>Input voltage range:</td> <td>110- 240VAC</td> </tr> <tr> <td>Input Frequency:</td> <td>50/60Hz</td> </tr> <tr> <td>Maximum input current:</td> <td>1.2A at 110VAC, 0.6A at 230VAC</td> </tr> <tr> <td>Power Consumption:</td> <td>70 watts maximum</td> </tr> </table>	Nominal input voltages:		Input voltage range:	110- 240VAC	Input Frequency:	50/60Hz	Maximum input current:	1.2A at 110VAC, 0.6A at 230VAC	Power Consumption:	70 watts maximum
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Power Consumption:	70 watts maximum											
Weight		4 lbs.										
Weight, (Shipping)		5 lbs.										
Warranty		Limited 5 Year Warranty										
Ordering Information	ERS6FT2TX-GTX	Port 1-6 FX ST Multimode										
	ERS6FC2TX-GTX	Port 1-6 FX SC Multimode										