



500FC

VistaLINK™ Frame Controller

500FC Info

The 500FC VistaLINK™ Frame Controller card provides a single point of access to communicate with VistaLINK™ enabled 500 series modules. The 500FC VistaLINK™ Frame Controller provides a 10Base-T/100Base-TX Ethernet port and communication is facilitated through the use of Simple Network Management Protocol (SNMP). The 500FC VistaLINK™ Frame Controller handles all SNMP communications between the frame (500FR) and the network manager (NMS), and serves as a gateway to individual cards in the frame.

The 500FC is a TRUE SNMP Agent. No external intermediate translator application servers or PC based protocol translators are required. This means you attach the 500FR directly to your Ethernet/SNMP Network.



VistaLINK™ Enabled



500FR
exponent Frame
Layout Tool

Features

- Complies with IEEE 802.3 100Base-TX and 10Base-T Ethernet standards
- 100 Mbps Fast Ethernet or 10 Mbps Ethernet data transfer, selected by auto-negotiation
- Full duplex or half-duplex operation, selected by auto negotiation
- RJ-45 connector for network cable connection
- Front panel LEDs indicate module status
- Rear panel LEDs indicate Ethernet link, activity and speed
- Provides frame/chassis status information through enabled hardware via SNMP (using VistaLINK™ PRO) including power supply status, frame status, card insertion/removal counters, 500FC software version number, LED control
- Comprehensive signal and status monitoring through SNMP and VistaLINK™ enabled capability

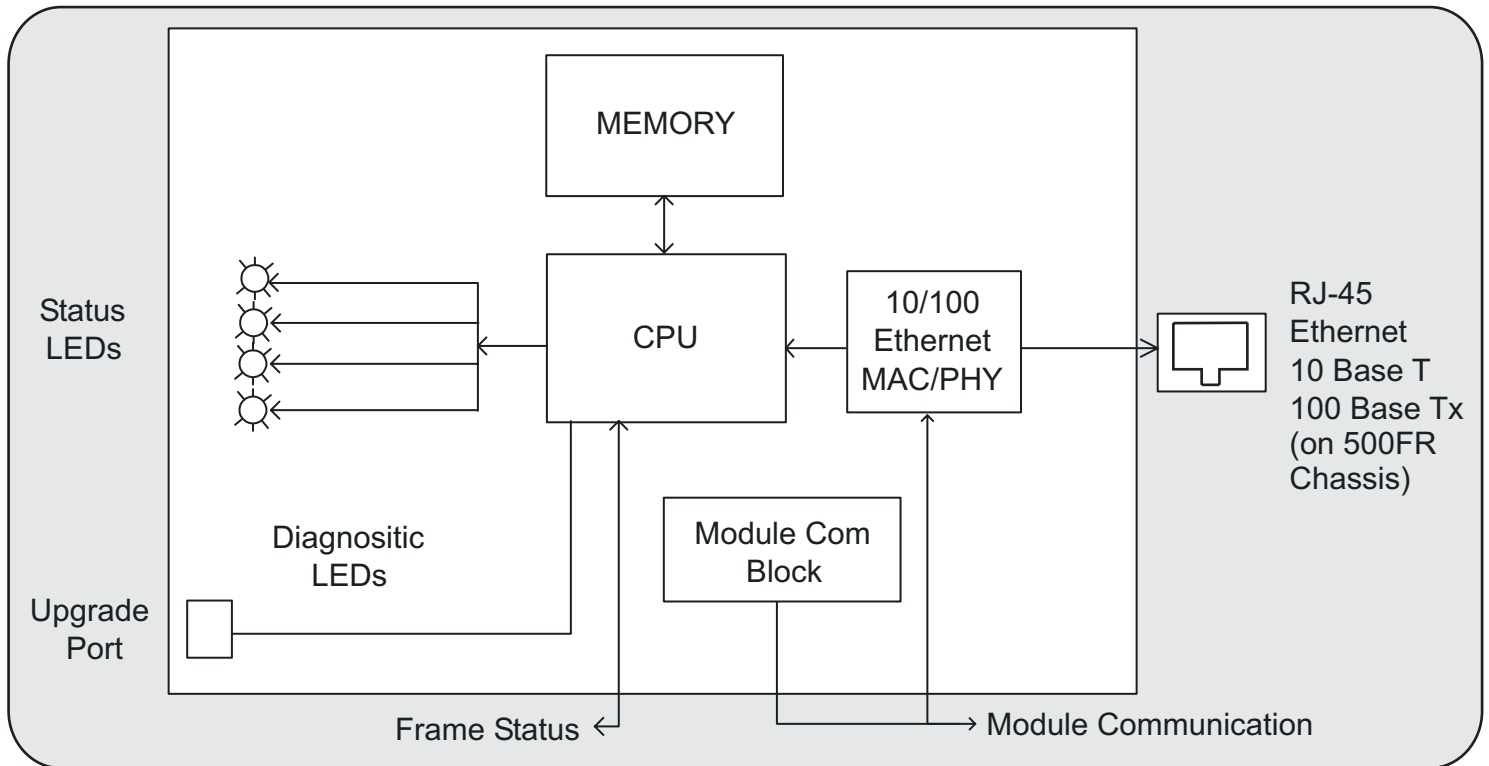
Specifications

Ethernet	
Network Type	Fast Ethernet 100 Base-TX IEEE 802.3u standard for 100 Mbps baseband CSMA/CD local area network Ethernet 10 Base-T IEEE 802.3 standard for 10 Mbps baseband CSMA/CD local area network
Connector	RJ-45
Electrical	
Voltage	+12V DC
Power	7 Watts
EMI/RFI	Complies with FCC Part 15 Class A, EU EMC directive
Physical	
Number of Slots	1 (must be in slot 1 of 500FR)

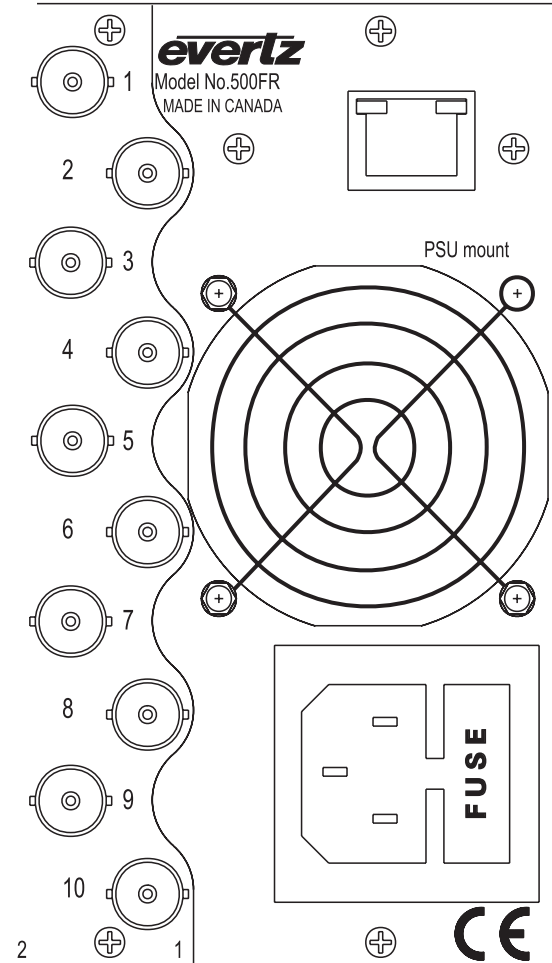
Ordering Information

500FC	VistaLINK™ Frame Controller
Enclosures	
500FR	exponent Compact High Density Distribution Frame

500FC Block Diagram



500FC Ethernet Port on 500FR Frame



evertz