The Complete Solution Provider

3405FR

3405XPS
(+XPS+XPS-2 ordering options)

3405T and 3405R Evertz® SFP Modules

3405PS-8(+PS-8 Ordering option)

The Evertz® 3405FR SFP frame is the ideal solution for today's low cost, high density fiber optic distribution needs. The 3405FR provides the flexibility to handle the high-speed requirements of 3G and HDTV as well as SD-SDI, SDTi, and DVB-ASI.
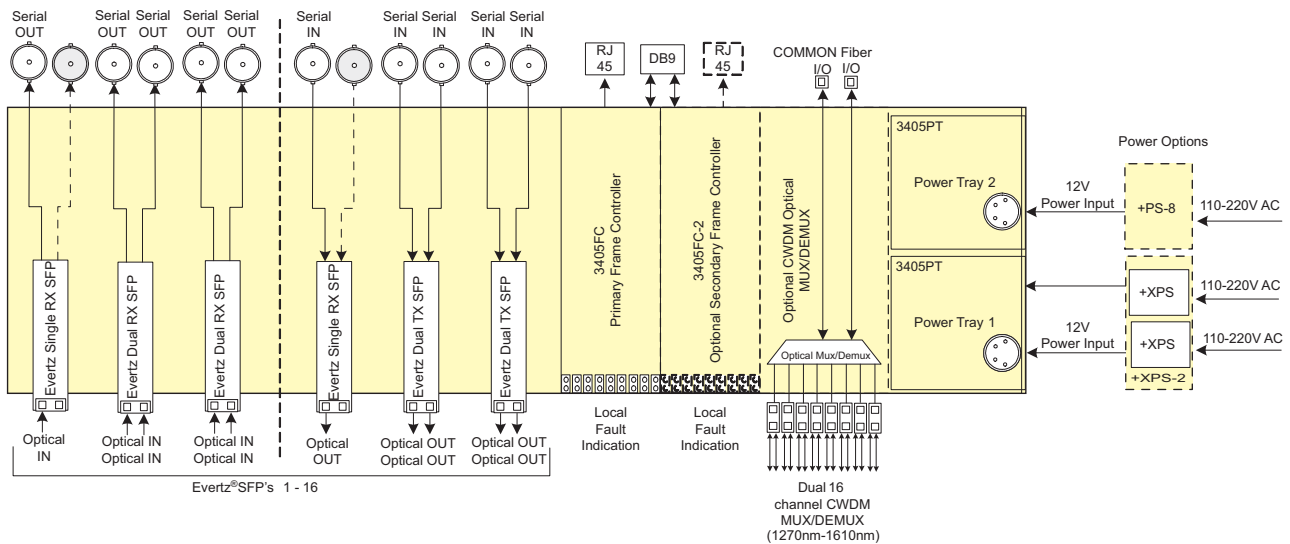
All components are hot swappable through the front or back of the frame including SFP's, frame controllers, multiplexers, and power converters. This ensures the unit can be fully serviceable in the field without having to be de-cabled or removed from the customers rack.

The 3405FR is a 1RU frame designed to house up to 16 single or dual channel Evertz® SFP modules. Each module can either be a single or dual Electrical to Optical(EO) converter, or Optical to Electrical (OE) converter. This provides up to 16EO or 16OE with the single SFP's or 32 EO or 32 OE in a single rack unit of space. The frame can be configured for a mixture of modules.

The 3405FR can be powered by external power bricks or with the 3405PS-8. The 3405PS-8 can power up to 8 x 3405FR frames with primary & secondary power.

The 3405FR is VistaLINK® -capable with support for primary and secondary frame controller.

The 3405FR frame comes with a 3405FAN fan module and 2 x 3405PT. Frame controllers, power supplies and MUX/DEMUX modues must be ordered separately. Please see ordering information.

▶Features & Benefits

- Dual Power supplies (primary and redundant) and conversion trays (front extractable)
- Houses up to 16 front loading Evertz® SFP modules
- Each slot can be used as an input or output based on SFP type

- Dual 3405FC Frame controller for primary & secondary capability -enabled for full VistaLINK® SNMP control and monitoring
- No electrical re-cabling required when hot swapping modules
- Power options include external 12V power supply bricks or 1RU power supply tray which will power up to 8 x 3405FR units

▶Specifications

System:

Density:	Up to 16 or 32 EO, OE, or mixture of EO and OE in a 1RU unit
Impedance:	75Ω
Connector:	BNC per IEC 61169-8 Annex A (F-type connector optional)

Communication and Control:

Serial:	RS-232 - single Female 9-pin D connector
Ethernet:	SNMP over IEEE 802.3/U (10/100 BaseTx) RJ45 connector
Control:	VistaLINK®

Electrical:

Power Supply Configuration:	Dual external supplies (primary/redundant) or 3405PS-8
Voltage:	DC Input 12V DC (external power supplies required for 110-220V)
Max Power Consumption:	35W (Fully loaded frame)

Connector:

Power:	4 PIN XLR (12V DC)
Fuses:	5 amp, time delay- 1 per power supply tray
Status Indicators:	(each per power supply tray) PSU status LEDs

Compliance:

Safety:	CSA Listed, Complies with EU Safety Directive
EMC:	Complies with FCC part 15, Class A Complies with EU EMC Directives

Physical:

Dimensions:	1.8"H x 19"W x 4.16"D
Module Capacity:	16 Evertz® SFP modules. Dual TX or Dual RX

▶Ordering Information

3405FR	Fiber Optic SFP frame (does not include power supplies or frame controllers)

Note: Order one of the power supply options from below

Ordering Options:

+XPS	Single external power supply brick
+XPS-2	Dual external power supply brick
+PS-8	1RU power supply tray for 3405FR (powers up to 8 units - primary & redundant)

Accessories:

3405XPS	Redundant external power supply brick
3405PS-8	1RU power supply tray for 3405FR (powers up to 8 units - primary & redundant)
3405FC	3405 Frame controller
3405FC-2	Redundant Frame controller
3405PT	3405FR Frame power tray, 12V to 3.3V DC power converter
3405FAN	3405FR dual FAN module

Evertz SFP modules:

3405T13-2	3G/HD/SD dual 1310nm SFP transmitters. Non-reclocking
3405R-2	3G/HD/SD dual SFP receivers. Non-reclocking

Accessories
Fiber Optic Patch Cable
See CWDM & DWDM Ordering Information Page