

0 XFP CHASSIS

PRODUCT FEATURES

- High-Density: 8 ports for 8 XFP-RF transmitters in 1 RU chassis
- Individual configuration of OMI, RF amplification, operating mode and SBS status for each of the 10 modules
- Energy efficient: maximally 6 W per module
- User-friendly web browser interface to set up and configure transmitters
- Ethernet SNMP port on the rear panel
- Compatible with SCTE HMS HE (MIB) specifications
- USB-port for firmware update
- Hot-pluggable redundant power supply AC or DC
- Power supply unit needs to be ordered separately
- Field-Replaceable Cooling Fan
- 8 x 75 Ω RF inputs on the rear of the chassis



APPLICATIONS

- 85 MHz to 1218 MHz RF- over fibre applications
- C- and L-Band transport and distribution
- All-Digital QAM networks
- Standard HFC- and RFoG networks
- DOCSIS 3.1 compatible
- Broadcast and Narrowcast services

The DELTA Electronics XFP Chassis is specifically designed around the new XFP transmitter module. The reduction of rack-spacing and power consumption in the headend is more than half in comparison to today's technologies.

Up to 8 XFP modules can be deployed in this 1 rack unit chassis and consume less than 50 W together.

KEY ADVANTAGES

- High Density: 8 transmitters / amplifier per rack-unit
- Power consumption per transmitter less than 6 W
- Redundant powering capability
- User-friendly web browser configuration tool

Via a web server, each XFP server can be individually monitored and controlled. The chassis can be integrated into the IP network via the Ethernet input.

The hot-pluggable power supplies are accessible from either the front or the rear. Redundantly connected, they protect the chassis against power failures.

Type		XFP Chassis
Item No.		57004248 (Power supplies, front) 57004247 (Power supplies, back)
RF Bandwidth	MHz	85 - 1218
RF Input level	dBμV	60 - 90 (per channel / Composite 87 - 112)
RF Flatness	dB	+/- 1.5
Return loss	dB	> 18
RF Input connection		F-Connector
RF Test point		Available for each Tx module
Dimensions		430 x 290 x 45
Operating temperature range	°C	-10 - +60
Storage temperature range	°C	-40 - 85
Power consumption	°C	50, max. (with 8 XFP modules)
Communications interfaces	W	Ethernet SNMP, RJ-45 on rear panel / USB port on front panel
Indicators	W	LED for each transmitter port (8) Composite power green/red Summary on OLED display