FOXCOM
Complete RF-2-Fiber Solutions

PL7010 Sat-Light/Platinum Chassis

Features & Benefits:

- 3RU 19" Rack mount chassis with 12 'hot swap' card capacity
- Dedicated controller slot
- Dual redundant power supply
- Supports the latest PL700 Microprocessor features
- Legacy dry and open collector discrete alarms and RSSI/PDI discrete monitoring

Product Description

The **PL7010** chassis is a standard 19", 3RU chassis, that can hold up to twelve Sat-Light/Platinum cards, the new M&C controller [PL700] and two power supplies [PL7011]. The chassis includes an innovative backplane enabling Foxcom's Sat-Light/Platinum M&C features (DigiRF) and , at the same times, provides legacy dry contact closures, open collector discrete optical and RF alarms and legacy RSSI/PDI discrete monitoring for customers upgrading from a Sat-Light system. In addition, the chassis comes with a variety of expansion connectors for featues such as EDFA control which will be availalbe in future.

The chassis is available either as a stand-alone unit or as part of the**PL7010C chassis kit** that includes two matching power supplies (PL7011) and an advanced M&C controller (PL700).

Each power supply has an AC input, allowing the use of separate mains power sources for additional redundancy.

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Specifications

Sat-Light/Platinum Chassis: PL7010

Card Support		
Platinum active / passive cards	Up to 12 cards	slots 1 to 12 ">
MCP card	PL700 MCP with advanced M&C features	slot 13
Power supplies	2 PL7011 power supplies	slots 14 and 15

Connector Support	Connector Type		
RF alarm	DB25	**J20** Open collector type **J22** Dry contact	slots 1 - 12
Optical alarm	DB25	**J23** Dry contact slots	slots 1 - 12
System alarms	DB9	**J16** Open collector, dry contact system alarms	
Optical monitoring	DB25	**J21** Discrete signal moniitoring	slots 1 - 12
RF monitoring	DB25	**J21** Discrete signal moniitoring	slots 1 - 12
RF switch control	DB9	**J17** RF switch control	
EDFA control	DB9	**J18** EDFA auxilary control	

Electrical Specifications	Units	Typical	Minimum	Maximum
Supply voltage	VDC	12		
Supply current1	Amps			up to 9A
EMI rating		EMI rating: FCC part 15 Class B, CE Mark		

Physical/Environmental Specifications				
Operating temperature range	C⁰		-10	+55
Storage temperature range	C⁰		-45	+85
Relative Humidity		95% non-condensing		

Sat-Light/Platinum Chassis: PL7010

Altitude	ft [Km]	10,000 ft. [3.08 Km] with standard adiabatic derating of 2ºC.1000ft. [0.3 Km], operating; 40,000 ft. [12.2 Km] non-operating
Dimensions [D × W × H]	in. [cm]	19 × 5.1 × 14 [48.3 × 13 × 35.6]
Weight	lbs [Kg]	5.95 [2.7]
Shock and vibration		Designed for normal transportation environment per section 514.4 MIL-STD-810_E. Designed to withstand 20G at 11ms [½ sine pulse] in non-operating configuration

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