

7180M Chassis and Power Supply

- 3 RU 19" rack mount chassis with 8 "hot swap" capacities
- Chassis includes an integrated power supply and capacity for a redundant supply
- Switching power supplies
- Standalone power supply for applications without a rack
- High MTBF (fanless power supply)



Foxcom provides both chassis and standalone power supplies to be used with its Satcom fiber optic interfacility links (IFL). The chassis supports 8 cards, incorporating 'hot swap' capabilities. The 7180M chassis uses the 7001P switching supply.

The chassis is a standard 19 inch, 3U configuration. The chassis contains two slots located on the right side for power supplies. The standard chassis is supplied with a single power supply. An additional power supply for redundancy is optional. Each power supply is provided with a separate AC input, allowing use from different mains sources.

The chassis utilizes a rigid back plane design providing a stable platform for the mounting of Foxcom IFL products. Outputs for control and monitoring are accessible via 25-pin D - connectors. The back plane design also allows for the use of an optional relay adaptor in cases where dry contact closures, versus the standard TTL open collector outputs, are preferable.

Where a chassis is not required or feasible, Foxcom provides a compact standalone power supply, capable of powering any Foxcom IFL product.

Chassis/Power Supply Specifications

Parameter	7180M
Physical	
Dimensions	19" W x 5.25" H x 7" D
Chassis Capacity	8 plug-ins
Operating temperature	-10° to 60° C
Storage temperature	-40° to 85° C
Electrical	
Prime power	100 to 240 VAC, 50/60 Hz 90 W (max.)
AVAILABLE OPTIONS	
Redundant Power Supply	Model 7001P
Relay Adaptor	Model 2380

Standalone Power Supply (7000S-STD)

The standalone power supplies are available in two primary input voltages; 110 or 220 VAC 50/60Hz. Each is a wall mount design power supply with sufficient power to supply any Foxcom IFL products. Additionally, there is sufficient power available to provide for installed options such as LNB powering. The standalone power supply is provided with a 9 pin D type/female connector.

Standalone Specifications

Parameter	
Physical	
Dimensions	2.6" W x 2.2" H x 3.2" D
Operating temperature	-10° to 60° C
Storage temperature	-40° to 85° C
Electrical	
Prime Power Input	110 or 220 VAC, 50/60 Hz (user selected)
Output Power	15 VCD @ 800mA (max)

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