PSM-2010 and PSM-3010
ACCESSORIES

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Description

The PSM-2010 and PSM-3010 are power supply modules designed to be inserted into the RMC-2xxx and RMC-3xxx rack mount chassis, respectively. The modules provide an operating voltage through the chassis backplane to power up to nine fiber optic isolator units. Each rack mount chassis is shipped with one power supply module.

For additional reliabilty and security, a second Power Supply Module (PSM) may also be added for power redundancy. If the first PSM fails, the second PSM will take over the entire load and carry on normally. Additionally, if one PSM fails, an onboard alarm will sound. An LED indicates that the +9VDC output voltage is present, and that the module is operating properly.

The power supply modules also have a smart fan, which turn on as needed. The modules are power limited for over-current protection and provide thermal shutdown protection when the power chip junction reaches 155°C.

Power Supply Module

Features:
- Provides power to up to 9 FOI isolators in a RMC-3101 or RMC-2101 chassis
- Power redundancy is available on the RMC rack mount chassis through an optional second PSM power supply module.
- Hot swappable.

Specifications

		Min	Typ	Max	Unit
Power Supply	Input Voltage	85	-	250	VAC
	Input Frequency	40	-	400	Hz
	Input Power	-	75	-	W
	Output Voltage	-	9	-	VDC
	Supply Current	-	8.3	-	A
	Ouput Power	-	75	-	W
Environmental	Storage Temperature	-40	-	85	°C
	Operating Temperature	0	-	50	°C
		Length	**Width**	**Height**	**Weight**
Case Dimensions	PSM-2010	6.375 in (162 mm)	1.57 in (40 mm)	2.844 in (72 mm)	1.6 lb (0.7 kg)
	PSM-3010	9.559 in (243 mm)	1.57 in (40 mm)	3.468 in (88 mm)	1.6 lb (0.7 kg))

Ordering Information

PSM-2010 - Power Supply for use with RMC-2101
PSM-3010 - Power Supply for use with RMC-3101