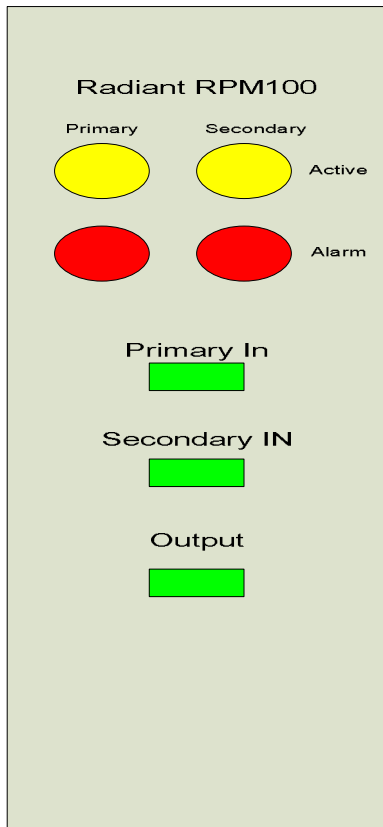


▶ RPM100 Optical Protection Module

DESCRIPTION

The RPM100 is used to automatically switch inputs from a primary path to a secondary path if the primary path fails due to source or line failure. Signal loss sensitivity is offered over a broad range from -5 dBm to -30 dBm. Passive design is independent of data rate or format. Field-tested, fully automatic switching with a preselected signal drop threshold assures long-term system reliability and signal continuity.

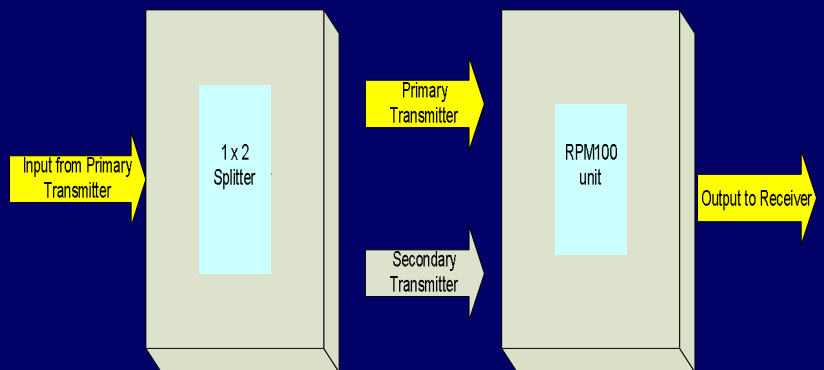


BENEFITS

- ▶ Plug and Play operation
- ▶ Signal path protection for ATM, IP and DWDM systems
- ▶ Low optical connection loss.

FEATURES

- ▶ Laser or Fiber redundancy.
- ▶ Automatic operation.
- ▶ Broad band operation.
- ▶ 10 ms switching speed.



**Radiant
Communications
Corporation**

Phone: 908 757 7444 or 800 969 3427
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www.rccfiber.com

P.O. Box 867
South Plainfield
NJ 07080
USA

2/2005

▶ RPM100 Optical Protection Module

SPECIFICATIONS

Insertion Loss	MAX 2.0	dB
Return Loss	>45	dB
Optical Sensitivity	-40 ~ -5	dBm
Switching Time on Signal Drop	<15	ms
Control	Fully Automatic	
Status Communication Interface	Local: LED Display	

Optical

Wavelength:	1310nm, 1550nm, DWDM
Number of Fibers:	1
Optical Connector:	SC/APC, SC, FC, FC/APC, LC/UPC
Sensitivity:	-30 dBm, -25 dBm, -10 dBm, -5 dBm

General Characteristics

Electrical Power:	-48 VDC
Operating Temp:	-5° ~ +55° C
Size:	In rackmount case 17.0" W x 13.0D x 1.75" H
	Stand alone 29 mm W x 129 mm L x 102 H

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
RPM100-XYZ3	Optical Protection Module/Switch 1310nm
RPM100-XYZ5	Optical Protection Module/Switch 1550nm

Note:

- Specify X—packaging of the unit: U—IU rack mount, M—modular (standalone) mount
- Specify Y—connector type: A = SC/APC, E = SC, B = FC, Z = FC/APC, D = ST, F = LC
- Specify Z— Optical sensitivity : 3 -30 dBm, 2 -25 dBm, 1 -10 dBm, 0 -5 dBm
- SNMP available in future



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