

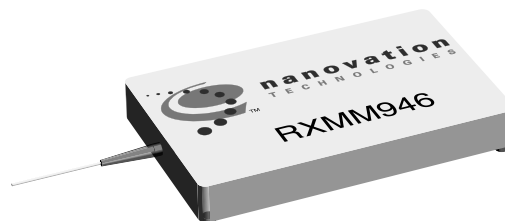


RXMM946 Receiver Module for WDM Supervisory Channel

Nanovation's RXMM946 Receiver Module features low power consumption, high sensitivity and a wide dynamic range. These modules are targeted toward WDM Supervisory channels.

Features

- 2.048 Mb/s data rate for coded mark inversion (CMI) code
- Clock extraction and data regeneration included
- Optical signal loss alarm
- High sensitivity
- Wide dynamic range
- Input optical power indication
- TTL interface
- 24 PIN DIL package
- Standard 5V power supply
- Low power consumption



Applications

- WDM supervisory channel

Optical and Electrical Characteristics

Parameter	Specification	Unit
Sensitivity	≤ -50	dBm
Operating wavelength	1200 - 1600	nm
Overload	-10	dBm
Rate (CMI)	2.048	Mb/s
LOS	-55*	dBm
LOS alarm	TTL	
Data or clock output	TTL	

* Can be user specified

Absolute Maximum Ratings

Parameter	Min.	Max.	Unit
Power supply	4.75	5.25	V
Operating temperature range	0	70	°C
Storage temperature range	-40	85	°C

Package and Connector

Parameter	Specification	Unit
Fiber type	SMF	
Fiber length	1000-1200	mm
Connector type	FC/PC	
Physical dimension	57.7x37.5x11.0	mm ³

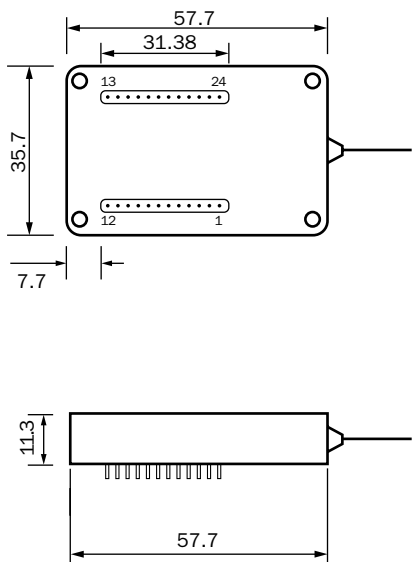


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Pin Information

Pin	Description	Pin	Description
1	NC	13	NC
2	NC	14	GND
3	LOS	15	GND
4	GND	16	GND
5	NC	17	GND
6	Clock	18	GND
7	GND	19	GND
8	+5V	20	GND
9	GND	21	NC
10	Data	22	+5V
11	NC	23	Input optical power indication
12	Gnd	24	NC

Outline Drawing



To order or for additional information, please contact us at:

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