

1310/1490/1550nm PM WDM Module

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Broadband Systems
- Optical Add/Drop Multiplexing
- Telecommunication Networks
- Metro Networks
- CATV Networks

SPECIFICATIONS

Parameter	Unit	Value	
Working Wavelength	Port1: λ_1	nm	1310±30
	Port2: λ_2	nm	1490±10
	Port3: λ_3	nm	1530~1570
Insertion Loss	Port1@ λ_1	dB	≤ 1.5
	Port2@ λ_2	dB	≤ 1.5
	Port3@ λ_3	dB	≤ 1.5
Isolation	Port1@ λ_2 & λ_3	dB	≥ 25
	Port2@ λ_1 & λ_3	dB	≥ 25
	Port3@ λ_1 & λ_2	dB	≥ 25
Extinction Ratio	dB	≥ 18	
Directivity	dB	≥ 50	
Return Loss	dB	≥ 45	
Fiber Type	-	PM1310 Panda Fiber, 10/125um PMDC Fiber (O), 12/130um PMDC Fiber (T), 20/130um PMDC Fiber (Q) 25/250um PMDC Fiber (R), 25/300um PMDC Fiber (G)	
Fiber Tensile Load	N	5	
Max Power Handling (CW)	mW	300	
Operating Temperature	°C	0~70	
Storage Temperature	°C	-40~+85	
Package Dimension	mm	(L)100x(W)80x(H)10	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

ORDERING INFORMATION (PN)

FPWM- 134915	-	C	C	NN	-	CC/CCC
		<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
		2=PM1310 Fiber	B= Bare Fiber	05=0.5m		N=Without Connector
		O=10/125 PMDC Fiber	L= Loose Tube	10=1.0m		FC/APC=FC/APC Connector
		T=12/130 PMDC Fiber	2=2mm Cable	15=1.5m		LC/PC=LC/PC Connector
		R=25/250 PMDC Fiber	3=3mm Cable	20=2.0m		SC/UPC=SC/UPC Connector