

975~1160nm 1x32 PM Filter Splitter Module for Pulse Power

FEATURES

- ▣ Low Excess Loss
- ▣ Various Splitting Ratio
- ▣ Wide Passband
- ▣ High Stability and Reliability
- ▣ Epoxy Free Optical Path

APPLICATIONS

- ▣ Optical Amplifier
- ▣ Optical Networks
- ▣ Power Monitoring
- ▣ Fiber Sensor
- ▣ Lab



SPECIFICATIONS

Parameter	Unit	1x32 or 2x32 or 4x32
Center Wavelength	nm	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120, 1150
Bandwidth	nm	+/-20nm or customer specify
Insertion Loss	Typ.	18.8
	Max.	19.4
Uniformity	dB	≤3.5
Extinction Ratio	B Type	≥16
	F Type	≥18
Working Mode	B Type	Can work both in Fast Axis and Slow Axis
	F Type	Can only work in Slow Axis and Fast Axis is blocked
Optical Return Loss	dB	≥45
Directivity	dB	≥45
Fiber Type	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L) 10/125um PMDC Fiber (O) or 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)
Fiber Tensile Load	N	5
Maximum Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 30, 50, 60
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 20
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	mm	L160x ^W 160x ^H 20

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. 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.
 5. Package size may be different for different optical power fiber type and configurations.

ORDERING INFORMATION (PN)

Wavelength	Configuration	Type	Optical Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
975-975nm	1X32-1X32 Type	B=B Type	1-1W	01-100W	2-PM980Fiber	B= Bare Fiber	05-0.5m	N=Without Connector
1030-1030nm	2X32-2X32 Type	F=F Type	3- 3W	1- 1kW	E-PM1060L Fiber	L= Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1064-1064nm	4X32-4X32 Type		5- 5W	5- 5kW	Q=20/130 PMDC Fiber	2= 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
1120-1120nm			10-10W	10-10kW	R=25/250 PMDC Fiber	3= 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector