750~850nm 1x3 High Power PM Fused Splitter Module

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	1x3
Center Wavelength		nm	750, 780, 793, 808, 830, 850
Bandwidth		nm	+/-10
Insertion Loss	Typ.	dB	5.8
	Max.	dB	6.4
Uniformity		dB	1.0
Extinction Ratio		dB	≥18
Optical Return Loss		dB	≥40
Directivity		dB	≥45
Fiber Type		-	PM850 Panda Fiber or PM780-HP Fiber
Fiber Tensile Load		N	5
Max. Optical Power (CW)		W	1, 2, 3, 5, 10, 15, 20
Operating Temperature		°C	0~50
Storage Temperature		°C	-40~85
Package Dimension		mm	(L)160x(W)140x(H)10

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.7dB 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.

ORDERING INFORMATION (PN)

FPCM-	NNN	-	NxN	-HP NN	-	(C)	C	NN	- CC/CCC
	Wavelength		*Configuration*	*Optical Power*		*Fiber Type*	*Fiber Sleeve*	*Fiber Length*	*Connector Type*
	850= 850nm		1X3=1X3 Type	1= 1W		7=PM780HP Fiber	B= Bare fiber	05=0.5m	N=Without Connector
	830=830nm			2= 2W		*Blank* for PM850 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
	808=808nm			10=10W			2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
	780=780nm			20=20W			3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector