

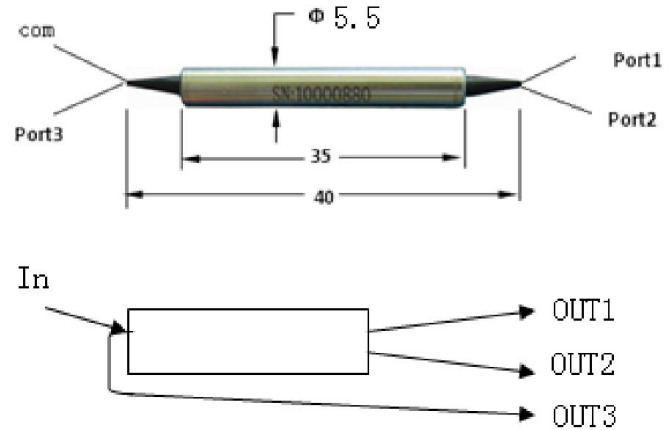
PM Splitter (PMSP 1310/1550 1x3)

Product Features

- Low Insertion Loss & PDL
- High Channel Isolation
- Optical Path Epoxy Free

Product Applications

- DWDM and OADM networks
- Test Instrumentations
- Fiber Sensors
- EDFA, DWDM and OTDR



Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1310 or 1550
Operating Wavelength Range	nm	$\lambda_c \pm 40$
Configuration	--	1X3
Max Excess Loss	dB	1
Typ. Insertion Loss at Tr*	dB	1
Insertion Loss at To*	dB	≤ 1.2
Max Uniformity	dB	0.8
Tap Ratio	dB	$1 \pm 0.5\%$, $5 \pm 1.0\%$, 10%, 30%, 70% and 50%
Return Loss (Input/Output)	dB	≥ 50
Extinction Ratio	dB	≥ 20 ≥ 18
Power handling (CW)	mW	≤ 500
Tensile Load	N	≤ 5
Fiber Type		SMF-28 or PM Panda fiber
Operating Temperature	$^{\circ}\text{C}$	-5 to +70
Storage Temperature	$^{\circ}\text{C}$	-40 to +85

Remark:

* Tr=Room temperature, To=Operating temperature.

* Above specifications are for device without connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER

* The PM fiber and the connector key are aligned to the slow axis. (Default if customer no special request)

Ordering Information

PMS	Wavelength	split ratio	Pigtail Type	Fiber Length	Connector
1x3	1310nm 1550nm Specify	1/99 50/50 33/33/33 Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify