

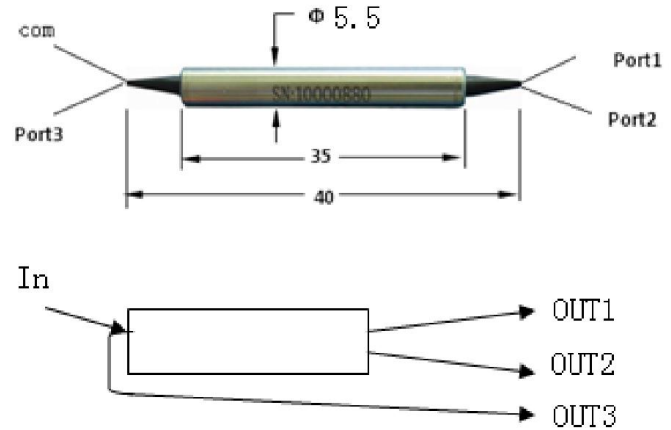
## Polarization Maintaining Splitter (PMSP 1310/1550 1x3)

### 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 ( $\lambda_c$ )	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	$\leq 1.2$
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	$\geq 50$
Extinction Ratio	dB	$\geq 20$   $\geq 18$
Power handling (CW)	mW	$\leq 500$
Tensile Load	N	$\leq 5$
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
<b>1x3</b>	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