

PM Splitter

Features

- * Good Uniformity and Low Insertion loss
- * High polarization extinction ratio.
- * Excellent environmental stability and reliability



Applications

- * Fiber Laser
- * Fiber Sensor
- * Communication System
- * Test Instrumentations
- * Polarization maintaining optical system



Specifications

Parameter	1×2	2×2	1×4	1×8	1×16
Fiber type	SM13-PS-U25A or SM15-PS-U25A or others				
Operating wavelength (nm)	1310±40 or 1550±40				
Insertion loss (dB)	≤3.9	≤4.0	≤7.4	≤10.7	≤13.9
Uniformity (dB)	≤0.6	≤0.6	≤0.6	≤0.8	≤1.2
ER(dB)	≥22	≥21	≥22	≥20	≥20
RL(dB)	≥50				
Input port	250um bare fiber or 0.9mm loose tube			250um bare fiber or 0.9/2.0/3.0mm loose tube	
Output port	250um bare fiber or 0.9mm loose tube			250um bare fiber or 0.9/2.0/3.0mm loose tube	
Operating temperature(°C)	-5~70				
Storage temperature(°C)	-40~85				
Package Dimension (mm)	φ 3.5×35	φ 3.5×40	40×4×4	100×80×10	
	40×4×4	40×4×4			

- Note:
1. Above specifications are for device without connector.
 2. For devices with connectors, 0.3dB higher for IL, 3dB lower for RL and 2dB lower for ER.
 3. For device with connector, key aligned to slow axis

Ordering Information

PMS-X*X- X-X-XX/XXX-XX*XX

- Package: φ 3.5×35, φ 3.5×40, 40×4×4mm, 100×80×10mm etc.
- Connector: FC/PC, SC/PC, FC/APC, SC/APC, LC/PC, LC/APC, MU/PC etc.
- Fiber Type: 4=others
- Pigtail Type: 0=250μm, 1=900μm, 2=2mm, 3=3mm, 4=others
- Port Number: 1×2, 2×2, 1×4, 1×8, 1×16