# 1x2 Polarization-Insensitive 980/1550nm Hybrid PM Fiber WDM

## Product Features

- Operating on both Fast and Slow Axes
- Low Insertion Loss
- Polarization-Insensitive
- High Power Handling
- Telcordia GR-1221 Compliant Test

## Product Applications

- PM Fiber EDFA
- Monitoring in Coherent System
- Fiber Lasers

| Specifications | | | 980/1550nm | |
|---|---|---|---|---|
| Parameter | | Unit | Premium | A grade |
| Pump Channel | | nm | 980±10 | |
| Insertion Loss | Max. | dB | 0.5 | 0.6 |
| Isolation@ 1528 to 1565nm | Min. | dB | 18 | 17 |
| Signal Channel | | nm | 1528 to 1565 | |
| Insertion Loss | Max. | dB | 0.7 | 0.9 |
| Isolation@ 980±10nm | Min. | dB | 18 | 17 |
| PER for 980nm or 1550nm channel | Min. | dB | 20 | 17 |
| PDL for 980nm or 1550nm channel | Max. | dB | 0.1 | 0.2 |
| Operating power | Max. | W | 2 | |
| Operating Temperature | | °C | -40 to +85 | |
| Storage Temperature | | °C | -50 to +85 | |
| Package Type | | mm | S6 / S8 / M1 | |

*All specifications are before connectors. PER is 2dB lower and IL is 0.2dB higher after connectors*

| Fiber Type | Common Port | 980nm Port | 1550nm Port |
|---|---|---|---|
| Type 1 | Panda Fiber | Panda Fiber | SM28e or Equivalent Fiber |
| Type 2 | Panda Fiber | HI1060 or Equivalent Fiber | Panda Fiber |

## Ordering Information

| P | I | S | W | | | | 0 | 1 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Wavelength<br>1=980/1550nm | Structure<br>1=1x2 | | | | Grade<br>P=Premium<br>A=A grade | Package<br>5=S6 with 250um bare fiber pigtail<br>7=S8 with 0.9mm loose tube<br>D=M1 with 3mm cable | Fiber Type<br>1=Type 1<br>2=Type 2 | Fiber Length<br>0=0.5m<br>1=0.75m<br>2=1.0m | Connector<br>0=None<br>1=FC/PC<br>2=FC/SPC<br>3=FC/APC<br>7=FC/UPC |

*Note: 1.All specifications are before connectorization.*
*2.Central Wavelength can be customized for different applications.*
*3.All specifications are subject to change without notice.*

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