

# 4x4 Single Mode Narrowband Splitter



## Product Features

- Low PDL
- Low Insertion Loss
- High Directivity
- Stable and Reliable
- Compact Size

## Product Applications

- Optical Communication System
- Optical Testing System
- Optical Fiber Sensor
- Optical Power Distributor

| Specifications        |      |      | Splitting Ratio: 25:25:25:25 |  |
|-----------------------|------|------|------------------------------|--|
| Parameter             |      | Unit | Premium                      | A grade  |
| Port Configuration    |      |      | 4x4                          |  |
| Bandwidth             |      | nm   | ±10                          |  |
| Insertion Loss        | Max. | dB   | 7.5                          | 8.0  |
| Excess Loss           | Typ. | dB   | 0.4                          | 0.5  |
| Uniformity            | Max. | dB   | 1.7                          | 2.2  |
| PDL                   | Max. | dB   | 0.2                          | 0.25   |
| Operating power       | Max. | W    | 5                            |  |
| Operating Temperature |      | °C   | -40 to +85                   |  |
| Storage Temperature   |      | °C   | -50 to +85                   |  |
| Package Type          |      | mm   | S11                          | Ø4x60: for bare fiber                                    |
|                       |      |      | S12                          | Ø4x70: for 0.9mm loose tube                              |
|                       |      |      | M4                           | 8x26x100: for 0.9mm loose tube or 2mm cable or 3mm cable |

## Ordering Information

| S  | N         | S               |                        |                        |  |  |  |   |  |  |  |
|--|-----------|-----------------|------------------------|------------------------|--|--|--|---|--|--|--|
| Wavelength   | Structure | Splitting Ratio | Grade                  | Package                | Fiber Type   | Pigtail  | Fiber Length                             | Connector   |  |  |  |
| 1=1625nm<br>2=1590nm<br>3=1570nm<br>4=1550nm<br>5=1480nm<br>6=1475nm<br>7=1310nm<br>8=1064nm<br>9=980nm<br>A=850nm<br>L=780nm<br>P=2000nm<br>S=Specify | B=4x4     | 25=25:25:25:25  | P=Premium<br>A=A grade | A=S11<br>B=S12<br>G=M4 | 1=SMF-28e<br>5=OFS980-20<br>6=HI1060<br>7=HI1060 FLEX<br>8=OFS 980-16<br>9=HI780C<br>A=Large mode area fiber | S=250um bare fiber<br>M=0.9mm loose tube<br>L=3mm cable<br>R=2mm cable | 0=0.5m<br>1=0.75m<br>2=1.0m<br>S=Specify | 0=None<br>1=FC/PC<br>2=FC/SPC<br>3=FC/APC<br>4=SC/SPC<br>5=SC/APC<br>6=ST<br>7=FC/UPC<br>8=SC/UPC<br>9=MU<br>A=LC/PC<br>B=SC/PC<br>C=LC/UPC<br>D=LC/APC |  |  |  |

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