

### Fused Type WDM-1550/980

#### Features

Low Polarization Dependent Loss  
High Isolation  
Low Insertion Loss  
High stability & Reliability

#### Applications

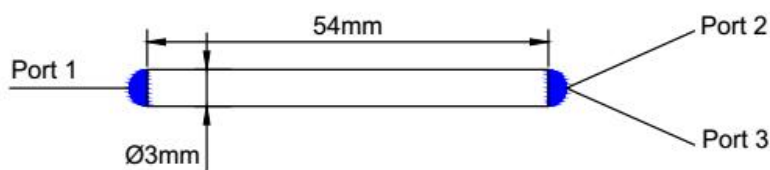
Testing Instruments  
Fiber Laser  
EDFA  
Fiber Sensor

#### Specifications

| Parameter                        | Unit | Value                                                                         |         |
|----------------------------------|------|-------------------------------------------------------------------------------|---------|
| Grade                            |      | Grade P                                                                       | Grade A |
| Type                             | /    | 980nm/1550nm or 980nm/1590nm                                                  |         |
| Operating Bandwidth              | nm   | ±15                                                                           |         |
| Max. Insertion Loss              | dB   | 0.25                                                                          | 0.35    |
| Max. Polarization Dependent Loss | dB   | 0.10                                                                          | 0.15    |
| Min. Isolation                   | dB   | 20                                                                            | 18      |
| Min. Directivity                 | dB   | 55                                                                            |         |
| Max. Return Loss                 | dB   | 50                                                                            |         |
| Max. Optical Power(CW)           | mW   | 500                                                                           |         |
| Fiber Type                       | -    | Hi1060 or Hi1060 flex                                                         |         |
| Package Dimension                | mm   | φ3*60(bare fiber,0.9mm loose tube),<br>90*20*10(0.9mm/2.0mm/3.0mm loose tube) |         |
| Operating Temperature            | ℃    | -40~+85                                                                       |         |
| Storage Temperature              | ℃    | -40~+85                                                                       |         |

For device with connector, IL is 0.3dB higher, RL is 5dB lower

#### Package Dimension



#### Ordering Information

FUWDM-1111-2-333-456-777

|      |                     |                                                                                |
|------|---------------------|--------------------------------------------------------------------------------|
| 1111 | -Wavelength:        | 9815=980nm/1550nm                                                              |
| 2    | -Type:              | 1=1x2                                                                          |
| 333  | -Fiber type         | 004=Hi1060 fiber                                                               |
| 4    | -Package Dimension: | 0=φ3.0x54mm                                                                    |
| 5    | -Pigtail type:      | 0=250μm bare fiber, 1=900μm loose tube, 2=2.0mm loose tube, 3=3.0mm loose tube |
| 6    | -Fiber length:      | 0=0.8m, 1=1m                                                                   |
| 777  | -Connector type:    | 0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC                     |