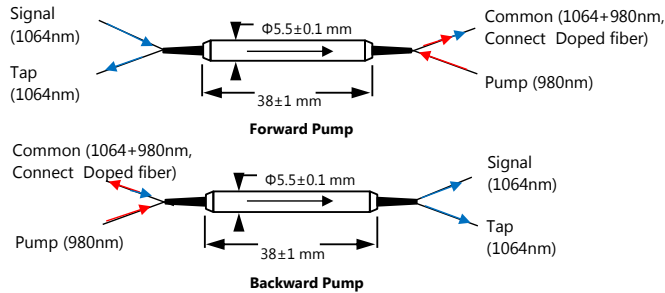


SM Tap Coupler+Isolator+WDM Hybrid

The 1064/980 nm SM Tap Coupler+Isolator+WDM Hybrid is a compact-sized hybrid component built by SM fiber which provides function as a WDM with an optical isolator and an tap coupler integrated. Forward pump type and backward pump type are both available. It's widely used in EDFA systems. High Power handling is available upon request.



Features

- Low Insertion Loss
- Low PDL
- High Isolation
- High Power Available

Applications

- EDFA
- Fiber Amplifier
- Lab & Research

Performance Specification

| Parameter | Value | Unit |
|--|--|------------|
| Signal Wavelength | 1064 (1020-1100) | nm |
| Pump Wavelength | 980 (970-990) | nm |
| Stage | Single Stage | Dual Stage |
| Isolation @ 23℃, Signal Wavelength, all SOP for Com to Signal Port | ≥35 | ≥45 |
| Wavelength Isolation | Signal Channel@Pump Wavelength for Signal to Com | ≥30 |
| | Pump Channel@Signal Wavelength for Pump to Com | ≥12 |
| Insertion Loss (0-70℃, all Sop) | Pump Channel@Pump Wavelength for Pump to Com | ≤0.7 |
| | Signal Channel (EL*)@Signal Wavelength for Signal to Com | ≤4.0 |
| | Tap Channel@ Tap 1% | 19.2-22.0 |
| | Signal Wavelength Tap 2% for Signal to Tap Tap 5% | 16.2-18.0 |
| Max. PMD | 0.25 | 0.1 |
| Max. PDL | 0.15 | |
| Min. Return Loss | 50 | |
| Max. Optical Power (Continuous Wave) | 300 | |
| Max. Tensile Load | 5 | |
| Fiber Type | HI 1060 fiber, or customized | |
| Operating Temperature | 0 to +70 | ℃ |
| Storage Temperature | -40 to +85 | ℃ |
| Package Dimension | φ5.5*38 | mm |

Note

* For devices with connectors, IL will be 0.3dB higher, and RL will be 5dB lower.
 * For high power applications, and for pulse applications please contact us to confirm details.
 * Specs subject to change without notice.

Ordering Information

TIWDM-AAAA/AAA-B-CC-D-EE-FF

| AAAA/AAA | B | CC | D | EE | FF |
|-----------------------|------------------|--------------|-----------------|--------------|--------------|
| Wavelength | Stage | Tap Ratio | Fiber Jacket | Fiber Length | Connector |
| 1064/980 - T1064/R980 | S - Single Stage | 01 - 1% | B - 250um Bare | 05 - 0.5m | NE - None |
| SSSS/SSS - Specify | D - Dual Stage | 02 - 2% | Fiber | 08 - 0.8m | FA - FC/APC |
| | | 05 - 5% | L - 900um Loose | 10 - 1.0m | FP - FC/PC |
| | | 10 - 10% | Tube | 15 - 1.5m | SA - SC/APC |
| | | 20 - 20% | | SS - Specify | SP - SC/PC |
| | | SS - Specify | | | LA - LC/APC |
| | | | | | LP - LC/PC |
| | | | | | SS - Specify |