

WDM/Isolator Hybrids (HYB)

Features

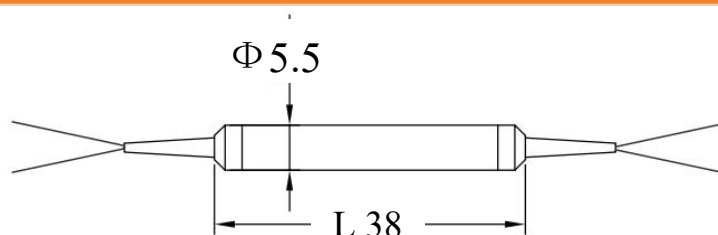
Low insertion loss
High extinction ratio
High stability & Reliability

Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

| Parameter | | WDM/Isolator Hybrids (HYB) | Unit |
|-----------------------|--|-------------------------------|--------|
| Isolator Stage | | Dual Stage | - |
| Signal Port | Wavelength Range λ_s | 1528-1565 | nm |
| | Insertion Loss (Common to Single @ λ_s) | ≤ 0.1 | dB |
| | Isolation λ_p | ≥ 30 | dB |
| | Isolation (Single to Common @ λ_s & RT) | ≥ 46 | B Type |
| | Isolation (Common to Single @ λ_s & RT) | ≥ 46 | F Type |
| | PDL | ≤ 0.10 | dB |
| | PMD | ≤ 0.07 | ps |
| Pump Port | Wavelength Range λ_p | 965-995 | nm |
| | IL (Pump to Common @ λ_p) | ≤ 0.6 | dB |
| | Isolation λ_s | ≥ 15 | dB |
| | PDL | ≤ 0.1 | dB |
| Return loss | | ≥ 50 | dB |
| Fiber Type | | Corning-SMF-28(R)-Ultra | - |
| | | Common / Pump: Corning Hi1060 | - |
| Fiber Length | | ≤ 500 | m |
| Operating temperature | | -5 ~ +70 | °C |
| Storage temperature | | -40 ~ +85 | °C |
| Package dimension | | $\Phi 5.5 \times L38$ | mm |

Mechanical Dimension



Ordering Information

| specification | GCHYB(WDM/Isolator Hybrids) |
|----------------------|---------------------------------|
| Package size | 5.5×38 |
| Connector | FC/UPC, FC/APC etc |
| Pigtail type | 0=250μm1=900μm4=others |
| Operating wavelength | 1528-1565nm |
| Grade | S=Single grade, D=Dual grade |
| Application type | F=Forward type, B=Backward type |