

## Isolator GFF Hybrid (IGFF)

### Features

- Integrated devices, compact size
- Accurately gain profile matching
- Low error function
- Optical path epoxy free
- Telcordia compliant
- RoHS compliant

### Applications

- EDFA
- Raman amplifier



### Main Specifications

| Parameter                    |     | Specification                                | Unit |
|------------------------------|-----|----------------------------------------------|------|
| Operating Wavelength Range   |     | C/L-Band                                     | nm   |
| Excessive Insertion Loss     | Max | 0.8                                          | dB   |
| Error Function               | Max | 0.8                                          | dB   |
| Isolation                    | Min | 30                                           | dB   |
| Return Loss                  | Min | 45                                           | dB   |
| Polarization Dependent Loss  | Max | 0.15                                         | dB   |
| Polarization Mode Dispersion | Max | 0.05                                         | ps   |
| Operating Temperature Range  |     | -5 ~ +75                                     | °C   |
| Storage Temperature Range    |     | -40 ~ +85                                    | °C   |
| Maximum Power Handling       |     | 300                                          | mW   |
| Package Dimension (L*Ø)      |     | 34*5.5 (Standard size)<br>26*3.0 (Mini size) | mm   |

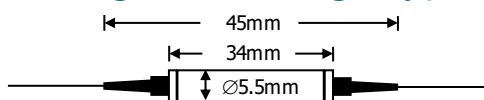


## Notes:

1. All values referenced without connector.
2. If you need any information about other bands, please contact us.

## Mechanical Dimensions

### Standard Size (Single/Dual Stage Type)



### Mini Size (Single Stage Type Only)



## Order Information

### IGFF-A-B-C-D-E

|   |                      |                                                                                                                                                      |
|---|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| A | Standard/Mini Size   | S: standard size<br>M: mini size                                                                                                                     |
| B | Operating Wavelength | C: C-Band<br>L: L-Band                                                                                                                               |
| C | Single/Dual Stage    | S: single stage<br>D: dual stage (standard size only)                                                                                                |
| D | Fiber Type           | 1: 250 $\mu$ m bare fiber<br>2: 900 $\mu$ m tight buffer fiber (standard size)                                                                       |
| E | Connector Type       | 0: without connector<br>1: FC/PC    2: FC/UPC    3: FC/APC<br>4: SC/PC    5: SC/UPC    6: SC/APC<br>7: ST        8: LC        9: MU<br>X: customized |

## Example

Part number of "IGFF-S-C-S-1-X" represents an Isolator GFF Hybrid (IGFF) with:

- standard size
- C-Band
- single stage
- 250  $\mu$ m bare fiber
- customized connector
- Please contact our Sales to discuss your specific requirements.

