

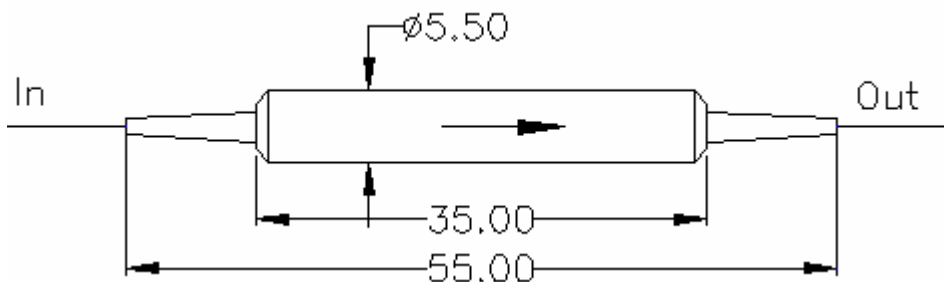
## Polarization Insensitive Isolator (1064nm)

| Features                                                                         |  |
|----------------------------------------------------------------------------------|--|
| High Isolation<br>Low Insertion Loss & Low PDL<br>High Stability and Reliability |  |
| Application                                                                      |  |
| Fiber Laser                                                                      |  |

### Specifications

| Parameter                                             | Unit | Single Stage |        | Dual Stage |        |
|-------------------------------------------------------|------|--------------|--------|------------|--------|
| Grade                                                 |      | P            | A      | P          | A      |
| Operating Wavelength                                  | nm   | 1064         |        |            |        |
| Bandwidth                                             | nm   | ±5           |        |            |        |
| Peak Isolation                                        | dB   | 40           | 38     | 55         | 52     |
| Isolation at 23°C                                     | dB   | ≥30          | ≥28    | ≥45        | ≥42    |
| Typ. Insertion Loss ( $\lambda_c$ , 23 (°C) all sop)  | dB   | 1.4          | 1.5    | 2.3        | 2.5    |
| Insertion Loss ( $\lambda_c$ , -5 ~ +50 (°C) all sop) | dB   | ≤1.8         | ≤2.0   | ≤3.2       | ≤3.4   |
| PDL at 23°C                                           | dB   | ≤0.15        | ≤0.15  | ≤0.15      | ≤0.15  |
| Return Loss                                           | dB   | ≥55/50       | ≥55/50 | ≥55/50     | ≥55/50 |
| Power Handling                                        | mW   | ≤300         |        |            |        |
| Fiber Type                                            |      | HI 1060      |        |            |        |
| Operating Temperature                                 | °C   | -5~ +50      |        |            |        |
| Storage Temperature                                   | °C   | -40 ~ +80    |        |            |        |
| Dimensions                                            | mm   | φ5.5×L35     |        |            |        |

### Package Dimensions:



### Ordering Information

| IS | Type                              | Grade  | Wavelength | Pigtail Type                                 | Fiber Type | Length           | Connector                                                                                         | Package size |
|----|-----------------------------------|--------|------------|----------------------------------------------|------------|------------------|---------------------------------------------------------------------------------------------------|--------------|
|    | S= Single stage<br>D = Dual Stage | P<br>A | 1064       | 250=250um bare fiber<br>900=900um loose tube | 4=HI1060   | 0.8=0.8<br>1= 1m | NE=None<br>FA=FC/APC<br>FC=FC/UPC<br>SA=SC/APC<br>SC=SC/UPC<br>LC=LC/UPC<br>LA=LC/APC<br>XX=Other | 5.5x35       |