

## 1064nm Passband Filter

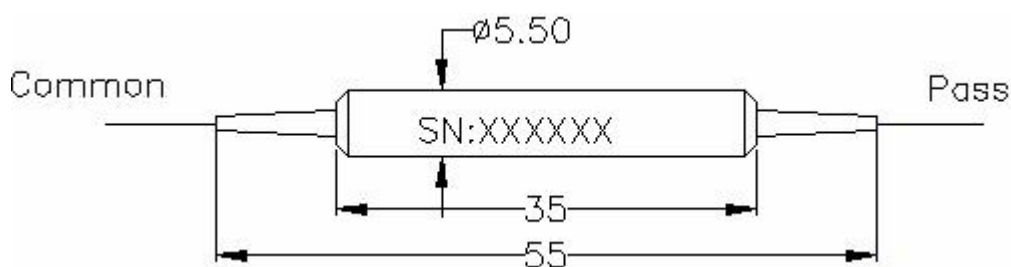
| Features                                                               |  |
|------------------------------------------------------------------------|--|
| Low Insertion Loss<br>High Isolation<br>High Stability and reliability |  |
| Application                                                            |  |
| Multi-mode fiber communication systems<br>LAN                          |  |

### Specifications

| Parameter                            | Value     |      |
|--------------------------------------|-----------|------|
| Nominal Center Wavelength (nm)       | 1064      | 1064 |
| Min. Pass bandwidth @0.5dB down(nm)  | 2         | 5    |
| Max. Stop bandwidth@25dB down(nm)    | 20        | 22   |
| Insertion Loss@1064+/-1nm(dB)        | ≤1.2      | --   |
| Insertion Loss@1064+/-2.5nm(dB)      | --        | ≤0.8 |
| Isolation @1000~1055nm&1075~1100(dB) | ≥25       | --   |
| Isolation @1000~1050nm&1080~1100(dB) | --        | ≥30  |
| Max. PDL @23℃(dB)                    | 0.1       |      |
| Return loss (dB)                     | ≥50       |      |
| Power handling (mW)                  | ≤300      |      |
| Operating temperature (℃)            | -5 ~ +50  |      |
| Storage temperature (℃)              | -45 ~ +85 |      |
| Fiber type                           | HI1060    |      |
| Dimensions (mm)                      | φ5.5×L35  |      |

Above specification are for device without connector.

### Package Dimensions



### Ordering Information

| BP | Wavelength | Passband Bandwidth | Pigtail Type                                  | Fiber Type | Length             | Connector                                                                                         |
|----|------------|--------------------|-----------------------------------------------|------------|--------------------|---------------------------------------------------------------------------------------------------|
|    | 1064       | 2=2nm<br>5=5nm     | 250=250um<br>bare fiber<br>900=900um<br>loose | 4=HI1060   | 1= 1m<br>X=Specify | 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 |