

# 1W~3W Polarization Maintaining In-Line Polarization Insensitive Isolator



## Features

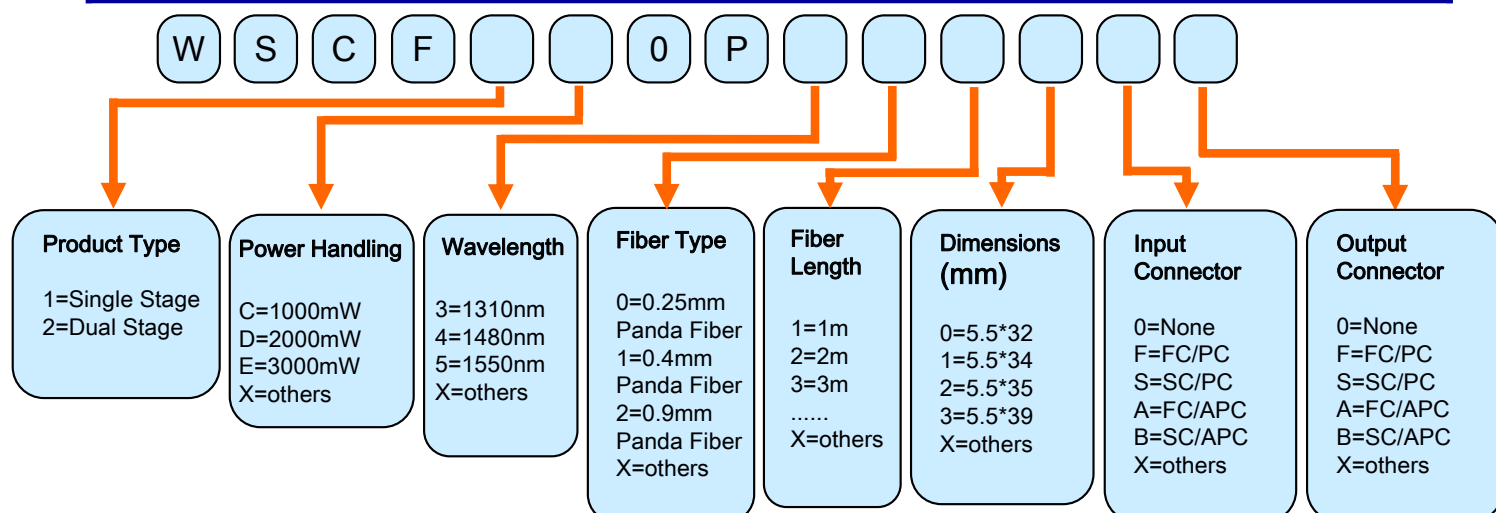
- Low Insertion
- High Isolation
- Comply with RoHS

## Applications

- Telecommunications
- FTTH, CATV, LAN

## 1W~3W PM Isolator SPECIFICATIONS

| PARAMETERS               | Single Stage P Grade                          | Dual Stage P Grade |
|--------------------------|---|--------------------|
| Operating Wavelength     | 1310nm, 1480nm or 1550nm                      |                    |
| Bandwidth                | ±15nm   |                    |
| Min. Isolation (Peak)    | ≥32dB(42dB)                                   | ≥46dB(58dB)        |
| Min. Extinction Ratio    | ≥20dB   | ≥20dB              |
| Insertion Loss (Typical) | ≤0.6dB(0.4)                                   | ≤0.65dB(0.5)       |
| Return Loss (In/Out)     | ≥55/50dB                                      | ≥55/50dB           |
| Operating Temperature    | -5~70°C                                       |                    |
| Storage Temperature      | -40~85°C                                      |                    |
| Max. Power               | 1000nW~3000nW (high power handling available) |                    |
| Dimensions               | 5.5mm*35mm                                    |                    |



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