# High Power PM 780nm Circulator

**Features**

- High Isolation.
- Low Insertion Loss
- Compact Size
- High ER

**Application**

- Optical Fiber Amplifier
- Metro Area Network
- Wavelength Add/Drop
- Dispersion Compensation

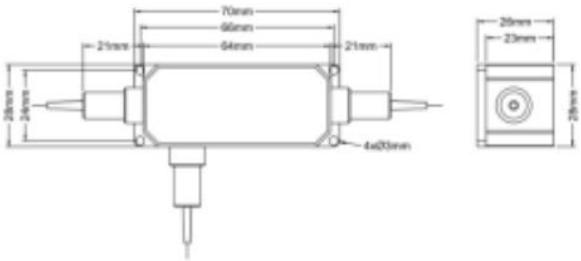
**Performance Specifications**

| Parameters | Specifications | Unit |
|---|---|---|
| Directivity | Port 1 to Port 2 to Port 3 | - |
| Center Wavelength($\lambda_c$) | 780 | nm |
| Operating Wavelength Range | $\lambda_c \pm 5$ | nm |
| Typical Insertion Loss@23℃ | ≤1.0 | dB |
| Max Insertion Loss | ≤1.2 | dB |
| Min Isolation @23℃ | ≥22 | dB |
| Return Loss | ≥45 | dB |
| Max ER @23℃ | 20 | dB |
| Max Optical Power(CW) | 5 | W |
| Max Peak Power for ns Pulse | 10 | KW |
| Tensile Load | ≤5 | N |
| Operating Temperature | 10~+50 | ℃ |
| Storage Temperature | 0~+60 | ℃ |
| Fiber Type | PM 780 Panda Fiber | / |
| Package size | 70×28×26 | mm |

* The temperature measurement environment is at 23℃

**If the connection head is increased, the insertion loss increases by 0.3dB and the return loss decreases by 5dB, which is reduced by 2dB for the protection product

**Mechanical Dimensions**



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## Order information:

**CIR (Circulator) PN: CIR-XXXXXXXXXX-XX (CIR+10 Code+2 Serial Number)**

| CIR | X | | XXXX | | X | | X | | X | | X | | X | | XX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Port** | | **Central Wavelength** | | **Fiber Type** | | **Fiber Jacket** | | **Fiber Length** | | **Connector** | | **Grade** | | |
| | **3** | 3Port | **0850** | 850 | **0** | SMF | **0** | 250um Bare Fiber | **0** | 0.5m | **0** | none | **P** | P Grade | |
| | **4** | 4Port | **0980** | 980 | **1** | HI780 | **1** | 0.9mm Loose | **1** | 1.0m | **1** | SC/UPC | **A** | A Grade | |
| | | | **1060** | 1060 | **2** | HI1060 | **S** | Special | **2** | 1.5m | **2** | SC/APC | **S** | Special | **S** |
| | | | **1310** | 1310 | **3** | 1310 PM | | | **3** | 2.0m | **3** | FC/UPC | | | **N** |
| | | | **1550** | 1550 | **4** | 1550 PM | | | **4** | 2.5m | **4** | FC/APC | | | |
| | | | **1315** | 1310&1550 | **S** | Special | | | **5** | 3.0m | **5** | LC/UPC | | | |
| | | | **1585** | 1585 | | | | | **6** | 3.5m | **6** | LC/APC | | | |
| | | | **000S** | Special | | | | | **7** | 0.7m | **7** | ST/UPC | | | |
| | | | | | | | | | **8** | 1.2m | **8** | E2000 | | | |
| | | | | | | | | | **9** | 2.7m | **S** | Special | | | |
| | | | | | | | | | **S** | Special | | | | | |

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