宽带宽环形器规格书

# Polarization Insensitive Circulator

产品描述：光环形器-1420nm—1580nm-3端口-LC/PC接头-2MM直径

荟创产品编码：23402LLU

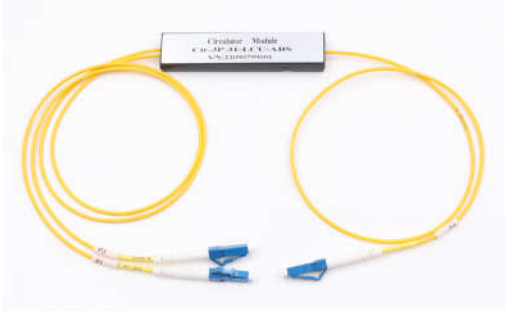
**1. Description**

The Polarization Insensitive Circulator is used for routing light path, widely used in sensoring communication system, features low insertion loss, high cross talk and high reliability and stability.

**2. Features**

Compact size

High Channel Isolation



**3. Applications**

Routing and sensoring

Dispersion Compensation

**4. Specifications**

| Parameters | Unit | Specification |
|---|---|---|
| Operating wavelength Range | nm | 1420~1580 |
| Insertion loss (P1-P2, P2-P3 )@23℃ (not include connector IL) | dB | < 0.8 |
| Polarization Dependent Loss (PDL) | dB | ≤0.15 |
| Polarization Mode Dispersion (PMD) | dB | ≤0.10 |
| Isolation (P2-P1, P3-P2 )@23℃ | dB | ≥40 |
| Crosstalk* (P1-P3) | dB | ≥50 |
| Return Loss | dB | ≥50 |
| Power handling(CW) | mW | 300 |
| Pigtail Type | - | 2.0mm LSZH |
| Pigtail length(not include connector) | m | 0.5 |
| Port color | --- | P1,P2,P3 are yellow |
| ABS box size | mm | 90*20*10 |
| Connector Type | | LC/UPC Blue |
| Operating Temperature | ℃ | 0 to +70 |
| Storage Temperature | ℃ | -40 to +85 |

Remark

* Above specifications are for device without connector.

*With connector, 0.2dB higher for IL & 5dB lower for RL per connector.