# 1310 and 1550 dual window PM Fiber Polarization Insensitive circulator, (PMCIR)

| Rev B | 2026-11

## Features

- High Isolation & High Return Loss
- Low insertion loss & PDL
- Optical Path Epoxy Free

## Applications

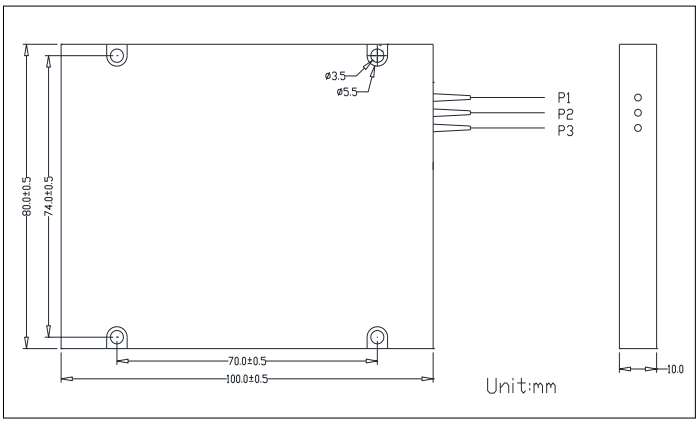
- EDFA, DWDM and OTDR
- DWDM and OADM Networks
- Bi-directional Transmission System

RoHS Reach

## Specifications

| Parameters | Unit | 3 Port, P1 → P2 → P3, P3 ↛ P1 | |
|---|---|---|---|
| Operating Wavelength | nm | 1310±30 and 1550±30 | 1310±30 and 1590±30 |
| Isolation (λc,23℃ all sop) | dB | ≥40 | |
| Isolation (over all λ, 23℃ all sop) | dB | ≥35 | |
| Insertion Loss (λc, 23℃ all sop) | dB | ≤1.5 | |
| PER | dB | ≥20 | |
| Return Loss | dB | ≥50 | |
| PMD | ps | ≤0.05 | |
| Directivity | - | ≥50 | |
| Power Handling | mW | ≤500 | |
| Fiber Type | - | PM1550 | |
| Operating Temperature | ℃ | 0 ~ +70 | |
| Storage Temperature | ℃ | -40 ~ +85 | |
| Dimensions | mm | 100x80x10 | |

## Package Information




## Ordering Information

**PMCIR-** ①-②②-③③③③-④④④-⑤-⑥⑥⑥-⑦⑦

| | | |
|---|---|---|
| ① | Type | 3=3 Port; |
| ② | Grade | PI; |
| ③ | Wavelength | 1315=1310 and 1550; 1319=1310 and 1590; |
| ④ | Pigtail Type | 250=250μm Bare Fiber; 900=900μm Loose Tube; 3000=3mm Loose Tube; |
| ⑤ | Length | 1= 1m; |
| ⑥ | Fiber Type | P15=PM1550; |
| ⑦ | Connector | NE=None; FC=FC/UPC; SC=SC/UPC; FA=FC/APC; SA=SC/APC; ST=ST/UPC; LC=LC/UPC; xx=Others; |