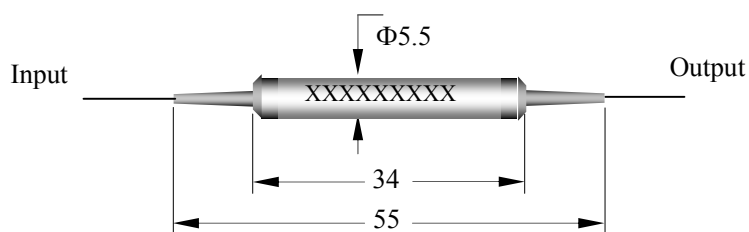


In-line Faraday Rotator (ILF-1315nm)

1. Features:

- ◆ Low insertion loss
- ◆ High extinction ratio
- ◆ High Return Loss
- ◆ Excellent environmental stability and reliability



2. Applications:

- ◆ Fiber Laser
- ◆ Fiber Sensor
- ◆ Communication System
- ◆ Test Instrumentations
- ◆ Polarization maintaining optical system



3. Compliance:

- ◆ Telcordia GR-1209-CORE
- ◆ Telcordia GR-1221-CORE
- ◆ RoHS

4. Specifications:

Parameter	Unit	Values
Operating wavelength	nm	1310,1550
Wavelength range	nm	±15
Rotation Angle, λ_c , 23 °C	Degree	45±1
Typ. Insertion Loss at 23°C	dB	≤0.3
Insertion Loss at -5°C~50°C	dB	≤0.5
Extinction Ratio	dB	≥20
Return Loss (Input/Output)	dB	≥50/50
Fiber type (Input P1-output P2)	—	Option1: PM - PM Option2: SMF-28e - PM Option3: SMF-28e-SMF-28e
Operating temperature	°C	-5~70
Storage temperature	°C	-40~85
Input power	mw	≤500

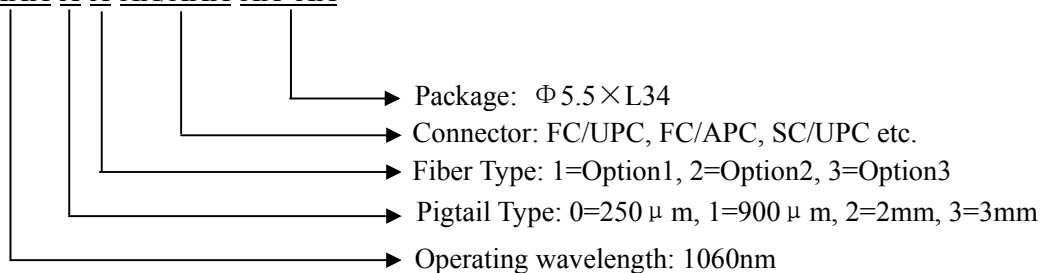
*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

ILF-XXXX-X-X-XX/XXX-XX*XX



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