

# PIGTAIL ISOLATOR

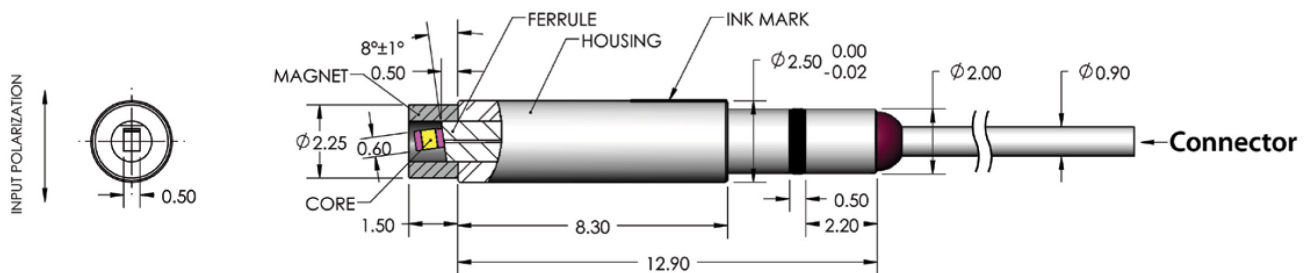
Pigtail isolator is generally used in various lasers which require isolation to prevent feedback into laser. Coherent pigtail isolators offer excellent performance with low insertion loss, high isolation. Our proprietary bonding process, and years of volume manufacturing experience, results in a high reliability record. Bare isolator chips survive more than 5,000 hrs of damp heat testing without delamination.



**Specifications**

Parameters	Units	Specification
CWL	nm	1270 ~ 1610
Operating wavelength	nm	+/-20
Insertion loss (Isolator chip)	dB	< 0.4
Insertion loss (Connector)	dB	< 0.2
Isolation at center wavelength	dB	>30 dB @ 23 °C
Operating temperature	°C	-40 to 85
storage temperature	°C	-40 to 85
Connector		sC/aPC

**Package Dimensions (unit: mm)**



**Ordering Information**

Part Number	Description
fIP-s-31-00-4	Pigtail isolator, 1310 nm, single stage, sC/aPC connector
fIP-s-55-10-4	Pigtail isolator, 1550 nm, single stage, sC/aPC connector