

## In-Line Polarization Insensitive L-Band Isolator

Part Number: IL16SBAB00

Ports: 1 x 1

Grade: \_\_\_\_\_

SO#: 2327-1

**Date:** 2/13/2001

**Serial No.:**

| In | Out | C.R. (%) |
|----|-----|----------|
|----|-----|----------|

### Test Wavelength

164585

1585 nm nm

|                |   |  |      |  |      |
|----------------|---|--|------|--|------|
| Insertion Loss | 1 |  | 0.35 |  | (dB) |
|----------------|---|--|------|--|------|

**SPECIFICATION:**

|                        |                       |
|------------------------|-----------------------|
| Pigtail Style          | 250um bare buffer     |
| Isolation (Min.):      | ≥ 32 dB               |
| P.D.L. (Max.):         | < 0.08 dB             |
| Operating Temperature: | -20C~+65C             |
| Fiber Type:            | Corning Fiber -SMF-28 |

|                        |               |
|------------------------|---------------|
| Insertion Loss (Max.): | ≤ 0.6 dB      |
| Return Loss:           | ≥ 65/60 dB    |
| Operating Wavelength:  | 1585 +/-30 nm |
| Storage Temperature:   | -40C~+85C     |
| Fiber Length (min.):   | 1M            |

FIBER COLORS:

In 1 : CLR  
Out 1 : CLR

Tested By: **Falguni Patel** 2/13/2001

QC: Zhengqi 2/13/2001

**CAUTION: DO NOT DROP OPTICAL PRODUCTS ON HARD SURFACES!**