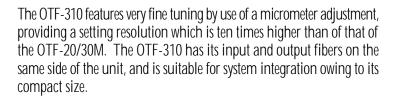
## Optical Tunable Filter

OTF-300/310

The OTF-300 is a manually-tuned optical tunable which features a wavelength indicator. Tuning is achieved by rotating the dial on the side of the unit, and the meter on top of the unit provides the wavelength reference.

## Features

- 1. Manual tuning with tuning knob
- 2. Analog wavelength indicator



## **Features**

- 1. Micrometer tuning
- 2. High setting resolution ( $\pm 0.01$  nm)
- 3. Compact size





## Typical Performance

|                       |    | OTF-300                                     | OTF-310                  |
|-----------------------|----|---|--------------------------|
| Center wavelength     | nm | 1550±10                                     | 1550±10                  |
| Tuning range          | nm | 40  | 20                       |
| Tuning resolution     | nm | 0.1   | 0.01                     |
| Insertion loss        | dB | See " Filter selection "                    | See " Filter selection " |
| Bandwidth             | nm | See " Filter selection "                    | See " Filter selection " |
| PDL                   | dB | 0.1(single stage), 0.2(double/triple stage) |                          |
| Return loss           | dB | 45  | 45                       |
| Optical fiber         |    | SMF-2.0mmø                                  | SMF-0.9mmø               |
| Tuning method         |    | Manual dial                                 | Micrometer               |
| Operating temperature | °C | 0 ~ 70                                      | 0 ~ 70                   |
| Size                  | mm | 115 x 68 x 36                               | 60 x 70 x 20             |