

# Optical Tunable Filter

## Miniture Optical Tunable Filter

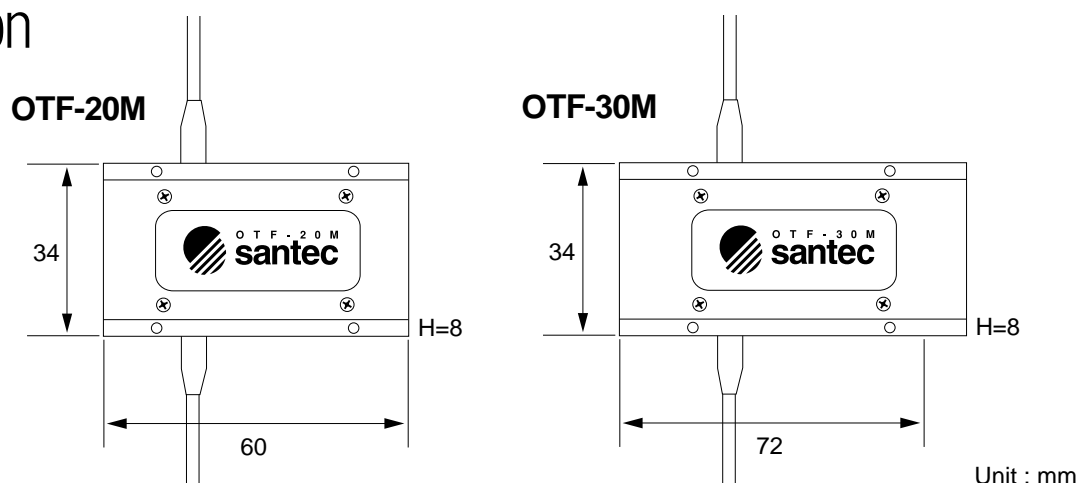
OTF-20M/30M

The OTF-20M and OTF-30M are compact, manually-tunable filter modules. These devices are suitable for basic laboratory use and for system integration applications in which the wavelength is set during installation.

### Features

1. 20 nm / 30 nm continuous tuning
2. Excellent bandpass characteristics over entire tuning range
3. High reliability

### Dimension



### Typical Performance

|                            |    | OTF-20M                  | OTF-30M                  |
|----------------------------|----|--------------------------|--------------------------|
| Center wavelength          | nm | 1550±10                  | 1550±10                  |
| Tuning range               | nm | 20                       | 30                       |
| Wavelength setting accuray | nm | 0.01                     | 0.01                     |
| Insertion loss             | dB | See " Filter selection " | See " Filter selection " |
| Bandwidth                  | nm | See " Filter selection " | See " Filter selection " |
| PDL                        | dB | 0.1dB                    | 0.1dB                    |
| Return loss                | dB | 45                       | 45                       |
| Operating temperature      | °C | 0 ~ 70                   | 0 ~ 70                   |
| Size                       | mm | 60 x 34 x 8              | 72 x 34 x 8              |
| Weight                     | g  | 45                       | 50                       |