

## FTTH 1310/1490/1550nm WDM

### 1. Description:

FTTH is a single Fiber To Home directly. Technical characteristics of the FTTH is the not only provide greater bandwidth, and enhance the network of data format, rate, wavelength and protocol transparency, loosened the requirements for environmental conditions and power supply, etc, to simplify the maintenance and installation.

### 2. Features:

- Low Insertion Loss
- High Channel Isolation
- Low Return Loss
- High Reliability and Stability



### 3. Applications:

- EDFA
- FTTH
- CATV System
- WDM System

### 4. Specifications:

Parameter		FTTH
Transmission Operating Wavelength (nm)		1550+/-10
Reflection Operating Wavelength (nm)		1310±50/1490+/-10
IL (dB)	Reflection	≦0.4
	Transmission	≦0.6
IL Flatness (dB)		< 0.2
Isolation (dB)	Reflection	> 20
	Transmission	> 30
Directionality (dB)		>55
RL (dB)		> 50
PDL(dB)		<0.1
PMD(ps)		<0.1
Power Handling (mW)		300
Operating Temperature (°C)		0 ~ +70
Storage Temperature (°C)		-40 ~ +85
Package Dimension (mm)		Φ5.5 × L34 (L38 for 900um Jacket)

## 5. Order Information:

SFTTH	Operating Wavelength	Fiber Type	Fiber Length	Connector
	15=1550 Transmission /1310&1490 Reflection 34=1310&1490 Transmission /1550 Reflection	1=Bare Fiber 2=900um Jacket 3=3mm Cable	1=1 Meter 2=2 Meter	