

## FTTB1000B Series High Level Bi-Direction Residential Node

**MODEL: FTTB1000B**



### Description

- Compact casing design
- Used in FTTH network
- Bi-directional transmission
- High output level, 100dBm
- Wide range adjustable

### FTTB1000B Residential Node

Downstream Signal Path		Downstream Signal Path	
Light Wavelength	1290 ~ 1600 nm	Centre Wavelength	1310 nm or 1610 nm
Optical Input Power Range	-6 ~ +1 dBm	Frequency Range	5 ~ 65 MHz
Frequency Range	87 ~ 1000 MHz	Input Return Loss	16 dB
Output Level	100 dB $\mu$ V	Input Level	90 dB $\mu$ V
Flatness	$\pm$ 0.5 dB	Flatness	$\pm$ 0.5dB
Attenuation	0-20dB	Optical Output Power	+ 2 dBm
RF Test Point	-20 dB		
Noise Figure			
CTB 59 channels			
CSO 59 channels	-60 dB		

### General

Power Consumption	5 W	Operating Temperature	-40 ~ 55°C
Power Supply	12V DC	Class Of Enclosure	IP43
RF Connectors			
Optical Connector(s)	SC/APC	ESD (RF Ports)	4 kV
Dimensions (LxWxH) (mm)	105 x 138 x 28	Surge (RF Ports)	6 kV
Weight	0.35 kg		



### Ordering Information

Type	Key Parameters
FTTB1531B	RX 1550 nm, TX 1310 nm
FTTB1561B	RX 1550 nm, TX 1610 nm
FTTB1361B	RX 1310 nm, TX 1610 nm
FTTB1561BWD	RX 1550 nm, TX 1610 nm, WDM for xPON

Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: [Sales@zhtelecomm.com](mailto:Sales@zhtelecomm.com) Website: [www.zhtelecomm.com](http://www.zhtelecomm.com)  
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