

## FBT WDM 980/1550nm



### Features

Low Insertion loss  
High Isolation  
Low Polarization Dependent Loss  
Qualified Under Telcordia GR-1221 and GR-1209

### Applications

Fiber Amplifier  
Telecommunication  
CATV Fiber Optic Lin

### Optical Specifications

Type	Unit	Specification
Port Configuration		1X2
Grade		P
Max. Insertion Loss	dB	0.3
Isolation	dB	≥15
PDL	dB	≤0.1
Operating Wavelength	nm	980/1550±15
Directivity	dB	≥55
Return Loss	dB	≥55
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-40~+85
Fiber Type		980nm fiber
Fiber Pigtail Length	m	1 or Customize On Request

### Packaging Specifications

Package Dimension	mm	φ3×L50 (A:Standard)	Bare fiber
	mm	φ3×L54 (A:Standard)	0.9mm loose cable
	mm	90×20×9.50(A:Standard)	0.9mm loose cable
	mm	100×80×10 (B:High Isolation)	0.9,2.0,3.0mm

Contact your OSTenp representative for information on specifications and availability.

**Order Information**

FBT	-	-	-	-	-	-	-	-	-
	Type	Port	Wavelength	Coupling	Fiber	Package	Pigtail	Pigtail	Connector

Type	S=Coupler A=In-Line Attenuator W=WDM
Port	0101=1x1, 0102=1x2, ..., 0404=4x4, ..., 0132=1x32, 0232=2x32
Wavelength	98=980, 13=1310, 14=1490, 15=1550 1314=1310&1490, 1315=1310&&1550, 345=1310&1490&1550 85=850, 9815=980&1550, 8513=850&1310
Coupling Ratio (Attenuation or Stage)	01=1/99 or 1dB or 1 Stage, 02=2/98 or 2dB or 2 Stage, 03=3/97 or 3dB or 3 Stage 05=5/95 or 1dB, 10=10/90 or 10dB, 15=15/85 45=45/55, 00=equal ratio, X=Others
Fiber Type	1=G652D, 2=G657A, 5=50/125, 6=62.5/125, X=Others
Package Dimension	B1, B2, ..., F, K
Pigtail Type	B=250 $\mu$ m Bare fiber, L=900 $\mu$ m Loose tube, S=2.0mm, R=3.0mm, 0=Adapter
Pigtail Length	05--20=0.5--2.0m, 0=Adapter, X=Others
Connector Type	FU=FC/UPC, FA=FC/APC, SU=SC/UPC, SA=SC/APC, ST=ST/UPC, LU=LC/UPC, LA=LC/APC, 00=None, X=Others

**Packaging Information**

Pigtail Type	1x1	1x2	2x2	<=9 Ports	<=18 Ports	<=34 Ports
Bare Fiber	/	B1	B1	/		
$\Phi$ 0.9	B2	B2	B5	/		
$\Phi$ 2.0	B4/D	D	D	E	K	F
$\Phi$ 3.0						
Rack Mount	XU/XG					

**Package Dimensions (mm)**

B1	$\Phi$ 3x50 steel tube	X	Custom Specifies
B2	$\Phi$ 3x54 steel tube	E	100x80x10 plastic case
B3	$\Phi$ 3.5x54 steel tube	F	141x115x18 plastic case
B4	$\Phi$ 5x70 steel tube	K	120x80x18 plastic case
B5	$\Phi$ 3x60 steel tube	XU	19" x=1,2,3,4 U Rack Mount
D	90x20x9.5 plastic case	XG	X=1,2,3,4 U LGX box

\* 詳細は、お手数ですがお問い合わせフォームにお願いします。

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