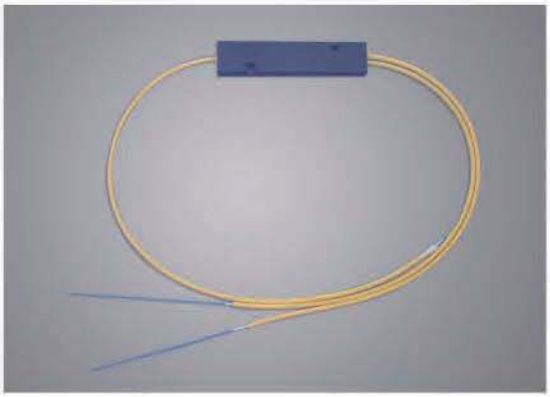
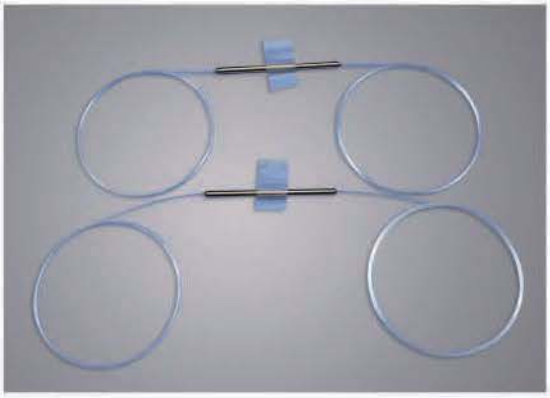
FBT Fiber Optic SPlitter





Applications

- Telecom network
- Local access network
- CATV system
- Lan

Features

- Low excess loss and low PDL
- High back reflection loss vaule
- Customized packaging and configuration
- High Stability and reliability

Specifications

Type	Nx2 N=1,2	Nx4 N=1,2	Nx8 N=1,2	Nx16 N=1,2	Nx32 N=1,2
Operating wavelength(nm)	1310/1550 or 1490				
Operating bandwidth(nm)	±40				
Insertion loss(dB)	≤3.6	≤7.6	≤11	≤15	≤18
Typical excess loss(dB)	0.08	0.3	0.45	0.6	0.75
PDL(dB)	≤0.1	≤0.3	≤0.4	≤0.5	≤0.6
Directivity(dB)	≥55				
Operating temperature(℃)	-45 ~ +85				
Fiber length(meter)	1meter or customized				
Cable Type(mm)	0.25,0.9,2.0,3.0				
Dimensions((WxHxL)(mm)	85x18x10	100x80x10		141x115x18	

The above specification is without connector

PLC Fiber Optic Splitter




Applications

- Telecom network
- Local access network
- CATV system
- Lan

Features

- Low excess loss and high perforance
- High back reflection loss vaule
- Customized packaging and configuration
- Tcordial GR-1221 and GR-1209 compliance

Specifications

Type		1x2	1x4	1x8	1x16	1x32	1x64	2x2	2x4	2x8	2x16	2x32	2x64
Fiber Type		9/125 um SMF-28e or customer appoint											
Operating Wavelength(nm)		1260~1650											
Insertion Loss(dB)	Typical	3.6	6.8	10.0	13.0	16.0	19.5	4.0	7.0	10.5	13.5	16.5	20.5
	(P/S)Max	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.8	20.5/21.0	4.1/4.3	7.4/7.6	10.8/11.0	14.3/14.5	17.3/17.5	20.7/21.5
Loss Uniformity(dB)-Max		0.6	0.6	0.8	1.2	1.5	2.5	0.8	0.8	1.5	2.0	2.5	2.5
Polariation Dependent Loss(dB)-Max		0.15	0.15	0.25	0.3	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4
Dimension(WxHxL)(mm) Ribbon/Bare Fiber		4x4x40	4x4x40	4x4x40	4x7x50	4x7x50	4x12x60	4x4x50	4x4x50	4x4x50	4x7x60	4x7x60	4x12x60
Dimension(WxHxL)(mm) ABS BOX(0.9,2.0,3.0mm)		100x80x10			120x80x18		141x114 x18	100x80x10			120x80x18		141x114 x18
Directivity(dB)-Min		55											
Return Loss(dB)-Min		UPC:50 APC:60											
Operating Temperature(℃)		-40~85											
Storage Temperature(℃)		-40~85											
Connector type		FC,SC.ST,LC,MU											

1. Measured at room temperature and excludes connector loss.
2. For devices with connectors, insertion loss will be 0.3dB higher.