

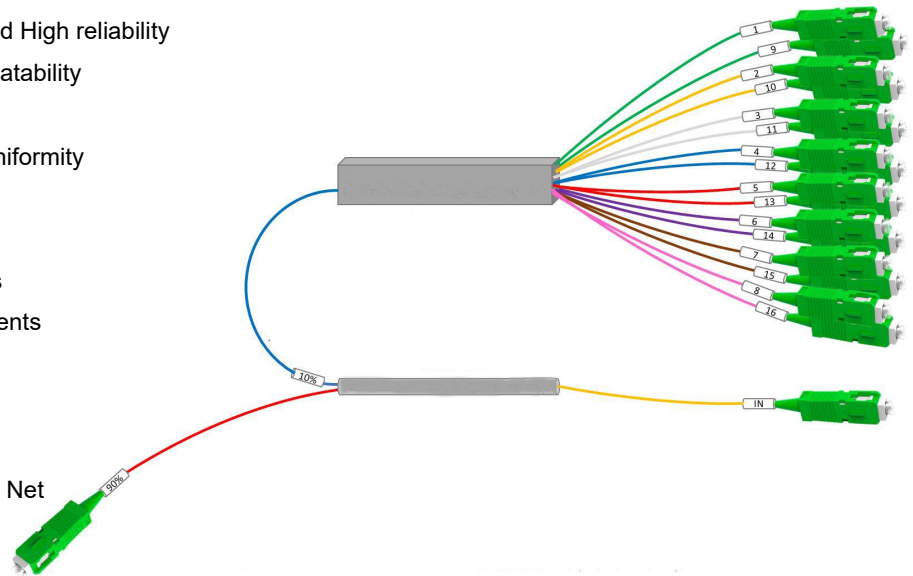
## 1x2 FBT to 1x16 PLC Splitter

### Features

- Low insertion loss, Low PDL and High reliability
- High return loss and Good repeatability
- Wide wavelength range
- Excellent channel-to-channel uniformity

### Applications

- LAN, WAN and Metro Networks
- FTTH project & FTTX Deployments
- CATV System
- GPON, EPON
- Fiber Optic Test Equipment
- Data-base Transmit Broadband Net



### Encapsulation Size

Item	1x2 FBT	1x16 PLC
Length*Width*Height (mm)	∅ 3.0x60	60x12x4
Input	0.9mm	/
Input Color	Yellow	/
Output	0.9mm	0.9mm
Output Color	Red, Blue	Green, Yellow, White, Blue, Red, Violet, Brown, Pink

### Specifications

Item	1x2 FBT to 1x16 PLC Spitter		
Fiber Type	G.657.A1		
Working Wavelength	1260nm~1650nm		
50% Insertion Loss (dB)	≤3.8	50%+PLC Insertion Loss (dB)	≤17.4
55% Insertion Loss (dB)	≤3.6	45%+PLC Insertion Loss (dB)	≤18.2
60% Insertion Loss (dB)	≤3.1	40%+PLC Insertion Loss (dB)	≤18.7
65% Insertion Loss (dB)	≤2.8	35%+PLC Insertion Loss (dB)	≤19.4
70% Insertion Loss (dB)	≤2.42	30%+PLC Insertion Loss (dB)	≤20.21
75% Insertion Loss (dB)	≤2.1	25%+PLC Insertion Loss (dB)	≤21.0
80% Insertion Loss (dB)	≤1.7	20%+PLC Insertion Loss (dB)	≤21.9
85% Insertion Loss (dB)	≤1.4	15%+PLC Insertion Loss (dB)	≤23.5
90% Insertion Loss (dB)	≤1.15	10%+PLC Insertion Loss (dB)	≤25.2
95% Insertion Loss (dB)	≤0.8	5%+PLC Insertion Loss (dB)	≤28.2
Uniformity (dB)	≤1.0		
PDL (dB)	≤0.2		



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Wavelength Dependent Loss (dB)	$\leq 1.0$
Return Loss (dB)	$\geq 55$
Directivity (dB)	$\geq 55$
Operating Temp. Range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$