

PLC SPLITTER

Features

- Up to 64 outputs
- Available in 1xN & 2xN configuration
- Low insertion loss
- Compact size
- Telcordia compliant
- RoHS compliant

Applications

- PON system
- FTTx network
- CATV network



Specifications

Parameter	Specification									
Operating Wavelength	1260~1620									
Configuration	1×4	1×8	1×16	1×32	1×64	2×4	2×8	2×16	2×32	
Insertion Loss (dB) Max	7.5	10.8	13.8	17.2	20.5	7.8	11.2	14.8	18.2	
Uniformity (dB) Max	0.8	1	1.5	2	2.5	1.2	1.5	2	2.5	
PDL (dB) Max	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.4	0.4	
Directivity (dB) Min	55									
Return Loss	55									
Operating Temperature(°C)	- 40~ + 85									
Fiber type	Corning SMF-28e fiber									
Power Handling (mW)	300									
Dimension(mm)	4×4×40		4×7×60		4×12×80		4×4×55		4×7×60	

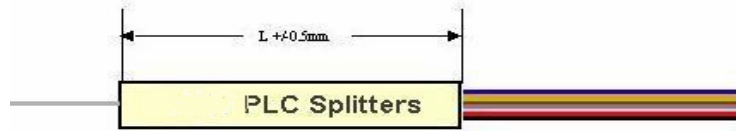
1. All values referenced without connector.

Package dimension

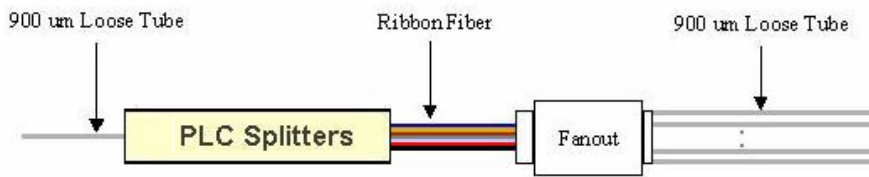
Configuration	1×4	1×8	1×16	1×32	1×64	2×4	2×8	2×16	2×32
Dimension (typ 1 and typ 2)	4×4×40		4×7×60		4×12×80	4×4×55		4×7×60	
Dimension (typ 3)	4×12×60		6×20×80		8×20×80	4×12×60		6×20×80	

Output Pigtail Style

Type 1 : Output Ribbon fiber without fanout



Type 2 : Output Ribbon fiber with fanout and 900 um loose tube



Type 3 : Output fiber with 900 um loose tube



Order information

SPL - A - B - C - D - E - F - G

A	Configuration	104:1x4 108: 1x8 116: 1x16 132: 1x32 164: 1x64 204:2x4 208: 2x8 216: 2x16 232: 2x32
B	Wavelength(nm)	1:1260~1620 2:1310 3:1550 4:1310&1550 5:1310&1490&1550
C	Input Fiber Type	1: 250μm bare fiber 2: 900μm loose tube 3:900um jacket
D	Input Connector	0: Without connector 1: FC/UPC 2:FC/APC 3:SC/UPC 4: SC/APC 5: ST 6: LC 7: MU X: Customized
E	Output Pigtail Style	1:Ribbon Fiber 2:900um loose tube 3:Ribbon Fiber&900um loose tube with fanout
F	Fiber Length	1:0.5m 2:1m 3:1.5m 4:Customized
G	Output Connector	0: Without connector 1: FC/UPC 2:FC/APC 3:SC/UPC 4: SC/APC 5: ST 6: LC 7: MU X: Customized