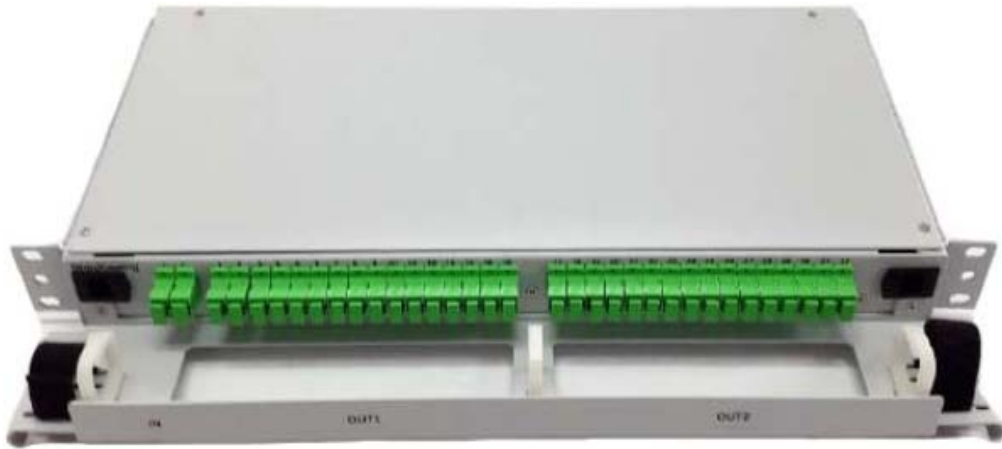


Fiber Optic PLC Splitters



Applications:

- FTTH Telecommunication network
- CATV system
- Local Area Network
- Active/Passive device

Feature & Benefit:

- Low Insertion loss / Low PDL
- Qualified Under Telcordia GR-1221 and GR-1209
- Light Weight
- Easy Open to use - Slide Latch
- Convenient to use for operator
- Slide Rail type
- Excellent Environmental & Mechanical Stability

Product Performance:

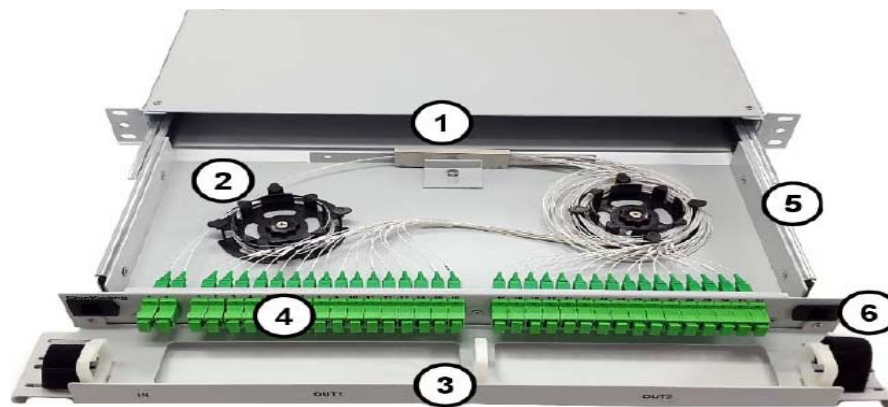
Specification											
Parameter	Unit	1x2	1x4	1x8	1x16	1x32	2x2	2x4	2x8	2x16	2x32
Operating Wavelength	nm	1260 - 1650									
Fiber Type		G657A1 or Specify									

Insertion Loss (Max)	dB	3.8	7.0	10.4	13.6	17.0	4.2	7.6	10.8	14.0	17.5
Uniformity (Max)	dB	0.6	0.6	0.8	1.2	1.6	0.8	1.0	1.0	1.5	1.8
PDL (Max)	dB	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
Return loss (Min)	dB	≥55									
Directivity (Min)	dB	≥55									
Dimension	mm	440x200x44 (1U Rack)									
Material		Aluminum case with powder coat									
Operating Temperature		-40°C ~ 85°C									
Storage Temperature		-40°C ~ 85°C									
Maximum Input Power		500mW									

Note:

- Specified without connectors
- All measurements taken at room temperature

Product Overview:



- 1) PLC Splitter with SC or LC Connection
- 2) Inside Cable Management Guide – 2ea
- 3) Front Cable Management Guide Panel
- 4) Adaptor Panel
- 5) Slide Rail – 2ea
- 6) Slide Latch – 2ea



Adaptor panel and Splitter Capacity:

SC Capacity per 1U				
Splitter Capacity		Input Port	Output Port	Total Port
1x2	10ea	10	20	30
1x4	6ea	6	24	30
1x8	3ea	3	24	27
1x16	2ea	2	32	34
1x32	1ea	1	32	33
2x2	6ea	12	12	24
2x4	5ea	10	20	30
2x8	3ea	6	24	30
2x16	1ea	2	16	18
2x32	1ea	2	32	34

LC Capacity per 1U				
Splitter Capacity		Input Port	Output Port	Total Port
1x2	11ea	11	22	33
1x4	8ea	8	32	40
1x8	4ea	4	32	36
1x16	2ea	2	32	34
1x32	1ea	1	32	33
2x2	11ea	22	22	44
2x4	8ea	16	32	48
2x8	1ea	2	8	10
2x16	1ea	2	16	18
2x32	1ea	2	32	34

FIBER OPTIC SPLITTER

Splitter Capacity and Adaptor Panel:

LC 2x2



LC 2x8



LC 2x16



LC 2x32



FIBER OPTIC SPLITTER

Ordering Information

Part Number	Description
TL-FSP-09-1/2-SC	Fiber Optic Splitter Single Mode 1x2 with SC Adaptors
TL-FSP-09-1/2-SC/APC	Fiber Optic Splitter Single Mode 1x2 with SC/APC Adaptors
TL-FSP-09-1/2-LC	Fiber Optic Splitter Single Mode 1x2 with LC Adaptors
TL-FSP-09-1/2-LC/APC	Fiber Optic Splitter Single Mode 1x2 with LC/APC Adaptors
TL-FSP-09-XX-YY	
XX – 1/2, 1/4, 1x8, 1x16, 1x32, 2x2, 2x4, 2x8, 2x16, 2x32 YY – SC, SC/APC, LC, LC/APC	