

Features:

- Low Insertion Loss
- High Return Loss
- Uniform power splitting
- Wide operating Wavelength
- Wide operating Temperature
- Good environmental Stability
- Qualified under Telcordia GR-1221 and GR-1209

Application:

- FTTH
- Passive Optical Networks(PON)
- Local Area Networks(LAN)
- Cable Television(CATV)
- Test Equipment



Splitter module



Splitter module with 19" rack

Technical Specification:

1 × N PLC Splitter (Without connector termination) :

Parameter	1*2	1*4	1*8	1*16	1*32	1*64
Operating wavelength(nm)	1260 - 1650					
Fiber Type	G657A or as requested					
Insertion Loss(dB) (P/S Grade)	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0
Loss Uniformity(dB)	0.4	0.6	0.8	1.2	1.5	2.0
Return Loss(dB) (P/S Grade)	55/50	55/50	55/50	55/50	55/50	55/50
Polarization Dependent Loss(dB)	0.2	0.2	0.2	0.25	0.3	0.35
Directivity(dB)	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability(-40 ~ 85) (dB)	0.4	0.4	0.4	0.5	0.5	0.5
Operating Temperature	-40~85					
Storage Temperature	-40~85					
Device Dimension(mm) (L*W*H)	40*4*4	40*4*4	40*4*4	50*4*4	50*7*4	60*12*4
Module Dimension(mm) (L*W*H)	100*80*10	100*80*10	100*80*10	120*80*18	140*115*18	140*115*18
Mini-Module Dimension(mm) (L*W*H)	50*7*4	50*7*4	60*7*4	60*12*4	80*20*6	N/A

2 × N PLC Splitter (Without connector termination) :

Parameter	2*2	2*4	2*8	2*16	2*32	2*64
Operating wavelength(nm)	1260 - 1650					
Fiber Type	G657A or as requested					
Insertion Loss(dB) (P/S Grade)	4.0	7.6	11.0	14.4	17.5	21.0
Loss Uniformity(dB)	0.6	1.0	1.2	1.5	1.8	2.2
Return Loss(dB) (P/S Grade)	55/50	55/50	55/50	55/50	55/50	55/50
Polarization Dependent Loss(dB)	0.2	0.2	0.3	0.3	0.4	0.4
Directivity(dB)	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	0.3	0.4	0.5	0.5	0.5	0.5
Temperature Stability(-40 ~ 85) (dB)	0.4	0.4	0.4	0.5	0.5	0.5
Operating Temperature	-40~85					
Storage Temperature	-40~85					
Device Dimension(mm) (L*W*H)	40*4*4	40*4*4	40*4*4	50*4*4	50*7*4	60*12*4
Module Dimension(mm) (L*W*H)	100*80*10	100*80*10	100*80*10	120*80*18	140*115*18	140*115*18
Mini-Module Dimension(mm) (L*W*H)	50*7*4	50*7*4	60*7*4	60*12*4	80*20*6	N/A

Order Information:

P/N	Port	Wavelength(nm)	Fiber connector	Cable length
FT-PLC1201SP1 FT-PLC2201SP1	12: 1*2 22: 2*2	01: 1260 - 1620 02: 1310 03: 1550 04: 1310&1550 05: 1310&1490&1550	S: SC F: FC L: LC T: ST	P: PC A: APC
				1 : 1 meter 1.5: 1.5 meter