

Order Information

Port:	Input Pigtail Style:	Input Connector:	Output Pigtail Style:	Fiber Length:	Output Connector:	Package:
1x2	Bare Fiber	None	Bare Fiber	0.5m	None	Bare
1x4	900µm Loose tube	FC/APC	900µm Loose tube	1m	FC/APC	Mini type
1x8	2.0mm Cable	FC/PC	2.0mm Cable	1.5m	FC/PC	ABS box
1x16	3.0mm Cable	SC/APC	3.0mm Cable	2m	SC/APC	Insert type
1x32		SC/PC		3m	SC/PC	Pallet type
1x64		ST		4m	ST	19" 1U Rack
1x128		LC		Special	LC	Special
2x4		LC/APC			LC/APC	
2x8		E2000			E2000	
2x16		Special			Special	
2x32						
2x64						
2x128						

ABS type:											
Item		1x4	1x8	1x16	1x32	1x64	2x2	2x4	2x8	2x16	2x32
(L*W*H) (mm)		100*80*10		120*80*18	140*115*18	140*115*18	100*80*10	120*80*18	140*115*18		
Bare fiber type:											
Item	1x2	1x4	1x8	1x16	1x32	1x64	2x2	2x4	2x8	2x16	2x32
(L*W*H) (mm)		40*4*4		50*7*4		60*12*4	60*7*4	70*7*4	70*7*4		
Mini type:											
Item	1x2	1x4	1x8	1x16	1x32	1x64	2x2	2x4	2x8	2x16	2x32
(L*W*H) (mm)		60*7*4		60*12*4	80*20*6	100*40*6	60*7*4	80*12*4	100*20*6		

Specifications 1×N PLC Splitter

Parameters	1×2	1×4	1×8	1×16	1×32	1×64	1×128
Operating Wavelength (nm)	1260~1650						
Fiber Type	G657A1 or customer specified						
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	23.8/24.2
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2	2.5
Polarization Dependent Loss (dB)	0.2	0.2	0.2	0.25	0.3	0.35	0.4
Return Loss(dB) (P/S Grade)	55/50	55/50	55/50	55/50	55/50	55/50	55/50
Directivity (dB)	55	55	55	55	55	55	55
Wavelength Dependent Loss (dB)	0.3	0.3	0.3	0.5	0.5	0.5	0.5
Temperature Stability (-40~85°C) (dB)	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Operating Temperature(°C)	-40~+85						

Specifications 2×N PLC Splitter

Parameters	2×2	2×4	2×8	2×16	2×32	2×64	2×128
Operating Wavelength (nm)	1260~1650						
Fiber Type	G657A1 or customer specified						
Insertion Loss (dB) P/S Grade)	3.9/4/2	7.3/7.6	10.5/11	14.4/14.6	17.4/17.9	21.0/21.5	24.5/25.0
Loss Uniformity (dB)	≤0.6	≤1.0	≤1.2	≤1.5	≤1.8	≤2.2	≤2.5
Polarization Dependent Loss (dB)	≤0.2	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4
Directivity (dB)	55	55	55	55	55	55	55
Wavelength Dependent Loss (dB)	≤0.3	≤0.4	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
Fiber Length (m)	1.5(±0.1)or customer specified						
Temperature Stability (-40~85°C) (dB)	≤0.5						
Operating Temperature(°C)	-20~+75						
Storage Temperature(°C)	-40~+85						
Maximum Power Handling (mW)	500						

- 1、The above parameters were measured at room temperature, but not including connectors data.
- 2、Add an additional 0.2dB loss per connector, Return Loss≥55dB(APC), ≥50dB(UPC).