

1xN PLC Splitter

Features
Wide Bandwidth
Low Insertion Loss
Good Uniformity
High Reliability

Applications
FTTX, FTTH
PON
LAN
CATV

Specifications

Parameter	Unit	Value								
Port		1x2	1x4	1x6	1x8	1x12	1x16	1x24	1x32	1x64
Operating Wavelength	nm	1260-1650								
Insertion Loss	dB	≤4.3	≤7.4	≤9.8	≤10.8	≤12.5	≤14.0	≤16.5	≤17.2	≤21.5
Uniformity	dB	≤0.5	≤0.8	≤0.8	≤1.0	≤1.0	≤1.4	≤1.5	≤1.6	≤2.0
PDL	dB	≤0.2	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.5
Directivity	dB	≥50								
Return Loss	dB	≥50								
Fiber Type		G657A								
Operating Temperature	°C	-40~ +85								
Storage Temperature	°C	-40~ +85								
Fiber Length (m)		1m or specify								

All the data above does not include connectors. UPC Connectors: IL add 0.2 dB, APC Connectors: IL add 0.3 dB

Package Dimensions

Pigtail Type	1x2	1x4	1x6	1x8	1x12
Steel tube(Output Ribbon fiber)	40x4x4	40x4x4	45x4.5x4	45x4.5x4	45x4.5x4
Steel tube(Ribbon + Fanout +900um loose tube)	40x4x4	40x4x4	45x4.5x4	45x4.5x4	45x4.5x4
Steel tube (900um loose tube without fanout)	45x4.5x4	45x4.5x4	60x7x4	60x7x4	80x12x4
ABS Module (2.0mm/3mm loose tube)	100x80x10	100x80x10	100x80x10	100x80x10	120x80x18

Pigtail Type	1x16	1x24	1x32	1x64
Steel tube(Output: Ribbon fiber)	45x4.5x4	50x7x4	50x7x4	60x12x4
Steel tube(Output: Ribbon + Fanout +900um loose tube)	45x4.5x4	50x7x4	50x7x4	60x12x4
Steel tube (900um loose tube without fanout)	80x12x4	80x12x4	90x20x6	100x40x6
ABS Module (2.0mm/3mm loose tube)	120x80x18	141x115x18	141x115x18	141x115x18

Ordering Information

PLC	Port	Wavelength	Input pigtail	Output Pigtail	Fiber	Length	Connector	Package
	1x2	1310/1550	0=250um bare fiber	0=250um Ribbon Fiber	0=G657A	1m	00=none	4x4x40
	1x4	1310/1490 /1550	1=900um loose tube	1= 900um loose tube		S=Specify	FC,SC,LC,ST, MU/UPC,APC	4x7x50
	1x8	1260~1650		4=Ribbon Fiber+ + Fanout + 900um loose tube				
	1x16			2=2mm loose tube				
	1x32			3=3mm loose tube				
	1x64							