



1xn PLC Splitter

Features	Applications
Wide Bandwidth	FTTX, FTTH
Low Insertion Loss	PON
High Reliability	LAN
Good Uniformity	CATV

Specifications

Parameter	Unit	1x2	1x4	1x6	1x8	1x12	1x16	1x24	1x32	1x64
Operating wavelength	nm	1260-1650								
Insertion Loss	dB	≤4.0	≤7.4	≤9.8	≤10.7	≤12.5	≤13.9	≤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)	4*4*40	4*4.5*45	4*4.5*45	4*7*60	4*7*65
Steel tub (Ribbon+Fanout+900um looSetube)	4*4*40	4*4.5*45	4*4.5*45	4*7*60	4*7*65
Steel tube (900um loose tube without fanout)	4*4.5*45	4*4.5*45	4*7*60	4*7*60	4*12*80
ABS Module (2.0mm/3mm loose	100*80*10	100*80*10	100*80*10	100*80*10	120*80*18
Pigtail Type	1x16	1x24	1x32	1x64	-
Steel tube(Output Ribbon fiber)	4*4*45	4*7*50	4*7*50	4*12*60	-
Steel tub (Ribbon+Fanout+900um looSetube)	4*4*45	4*7*50	4*7*50	4*12*60	-
Steel tube (900um loose tube without fanout)	4*12*80	4*12*80	6*20*90	6*40*100	-
ABS Module (2.0mm/3mm loose	120*80*18	141*115*18	141*115*18	141*115*18	-



Ordering Information

PLC	Port	Wavelength	Input pigtail	Output Pigtail	Fiber	Length	Connector	Package
	1x2	1260~1650	0=250um	0=250um	0=G 657A	1m	FC,SC,LC, ST,MU/UP C,APC	4x4x40
	1x4		bare fiber	Ribbon Fiber		1.5m		4x4.5x45
	1x6		1=900um	4=Ribbon		2m		4x7x60
	1x8		loose tube	Fiber+Fanout +				4x7x65
	1x12			900um loose Tube				4x12x80
	1x16			1=900um loose tube				6x20x90
	1x24			2=2mm loose tube				6x40x100
	1x32			3=3mm loose tube				100x80x10
	1x64							120x80x18 141x115x18