LP Technical Development Ltd

2xn PLC Splitter

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

Specifications

Parameter	Unit	2x2	2x4	2x8	2x16	2x32	2x64
Operating wavelength	nm	1260-1650					
Insertion Loss	dB	≤4.3	≤7.6	≤11.0	≤14.8	≤17.9	≤21.5
Uniformity	dB	0.3	0.4	0.45	0.55	0.6	0.7
PDL	dB	≤0.3	≤0.4	≤0.4	≤0.5	≤0.5	≤0.6
Directivity	dB	≥50					
Return Loss	dB	≥50					
Fiber type		G657A					
Operating temperature	℃	-40~ +85					
Storage Temperature	℃	-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

Output Pigtail	2x2	2x4	2x8	2x16	2x32	2x64
Steel tube(Output Ribbon fiber)	4*4*40	4*4.5*45	4*4.5*45	4*7*60	4*7*65	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	4*7*65
Steel tube （ 900um loose tube without fanout)	4*7*60	4*7*60	4*7*60	4*12*80	4*12*80	6*40*100
ABS Module (2.0mm/3mm loose	100*80*10	100*80*10	100*80*10	120*80*18	120*80*18	141*115*18

Ordering Information

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