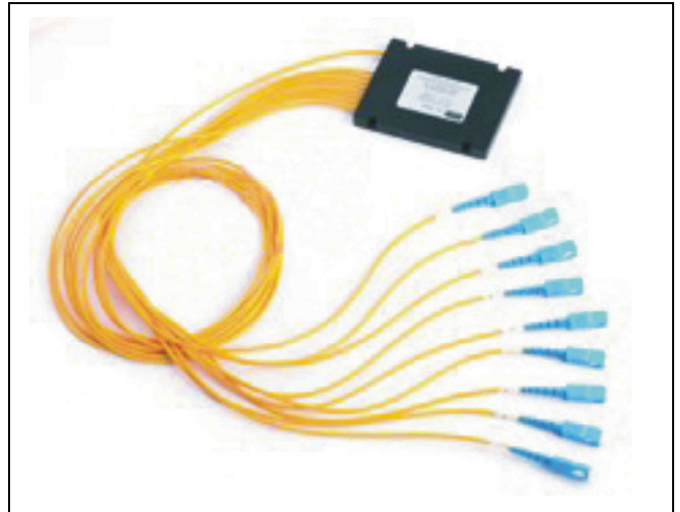
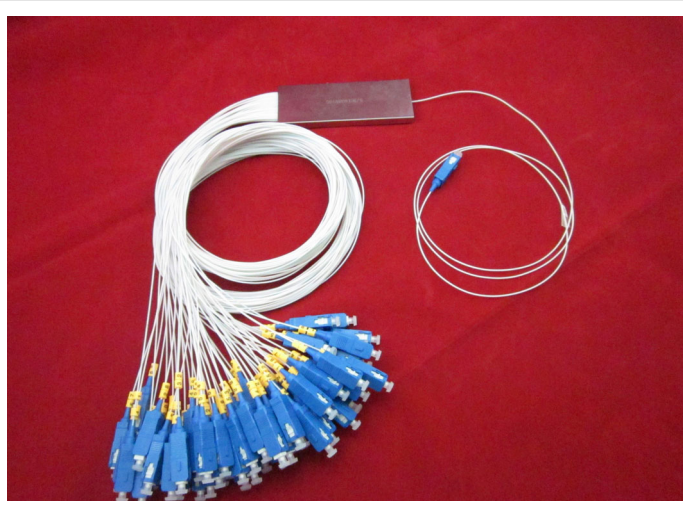
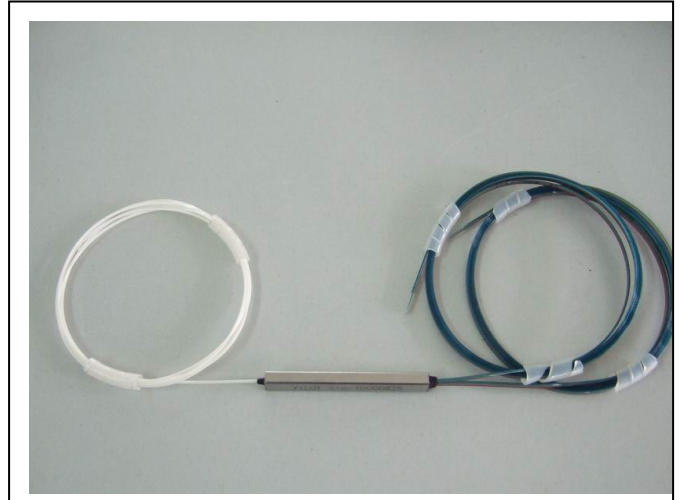
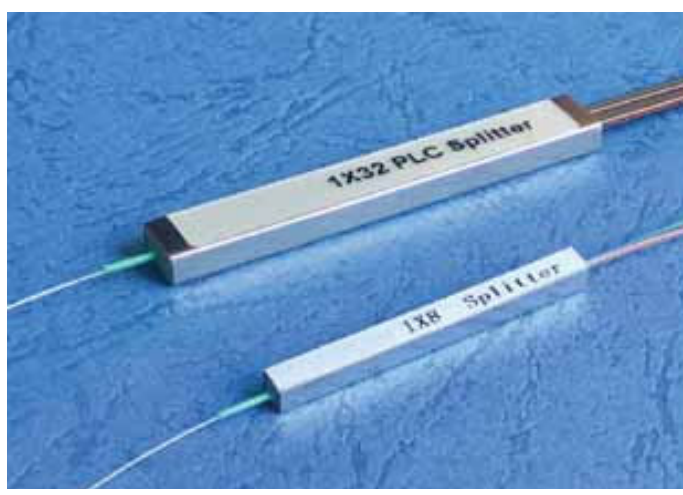


PLC SPLITTER FAMILY V1.0
PLC SPLITTER

Technical Specification
Table1. 1xN PLC splitter`

Parameters	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Operating Wavelength (nm)	1260~1650						
Insertion Loss (dB)	≤3.9	≤7.1	≤10.2	≤13.5	≤16.8	≤20.5	≤23.4
Loss Uniformity (dB)	≤0.8	≤0.8	≤0.8	≤1.0	≤1.5	≤2.0	≤2.5
Return Loss (dB)	≥55						
PDL (dB)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.5	≤0.5
WDL(dB)	≤0.8	≤0.8	≤1.0	≤1.0	≤1.2	≤1.5	≤1.5
Directivity (dB)	≥55						
Pigtail Length (m)	1.0(±0.1) or customer specified						
Fiber Type	G657A or customer specified						

Note: All measurements were done at room temperature, and specifications exclude connectors

*The above specification is without connector.with connectors should add 0.3dB.

*The above specification is without connector. With connectors RL≥50dB(UPC); RL≥55dB(APC)

Table2. 2XN PLC splitter

Parameters	2x2	2X4	2x8	2x16	2x32	2x64	2x128
Operating Wavelength (nm)	1260~1650						
Insertion Loss (dB)	≤4.2	≤7.4	≤10.5	≤13.8	≤17.1	≤20.8	≤23.7
Loss Uniformity (dB)	≤1.1	≤1.2	≤1.2	≤1.5	≤1.8	≤2.5	≤2.5
Return Loss (dB)	≥55						
PDL (dB)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.5	≤0.5
WDL(dB)	≤0.8	≤1.0	≤1.0	≤1.5	≤1.5	≤1.5	≤1.5
Directivity (dB)	≥55						
Pigtail Length (m)	1.0(±0.1) or customer specified						
Fiber Type	G657A or customer specified						

Note: All measurements were done at room temperature, and specifications exclude connectors

*The above specification is without connector. with connectors should add 0.3dB.

*The above specification is without connector. With connectors RL ≥50dB(UPC); RL ≥55dB(APC)

WDL TEST CURVE (1250nm~1660nm)

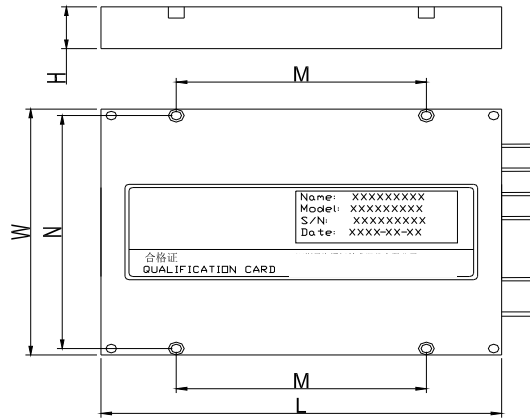
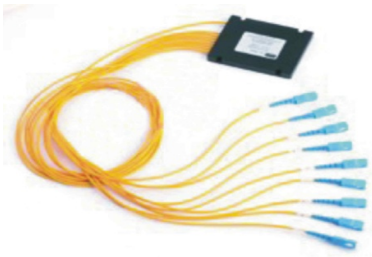


1X2 PLC Splitter



1X64 PLC Splitter

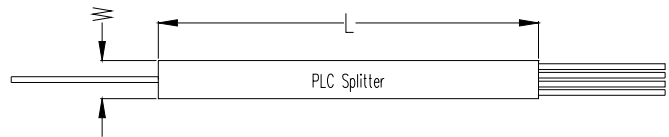
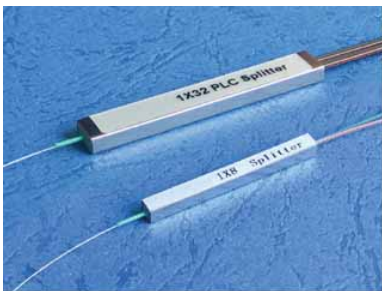
Box Type Splitter Dimension (mm)



Type	1x2 1x4 1x8	1x16 1x32	1X64	1X128	2x2 2x4 2x8	2x16 2x32	2x64	2x128
L	≤100	≤120	≤140/120	≤180	≤100	≤120	≤140/120	≤180
W	≤80	≤80	≤115/80	≤150	≤80	≤80	≤115/80	≤150
H	≤10	≤18	≤18/25	≤22	≤10	≤18	≤18/25	≤22
MXN	70X74	80X74	100X106/ 80X74	142X140	70X74	80X74	100X106 80X74	142X140

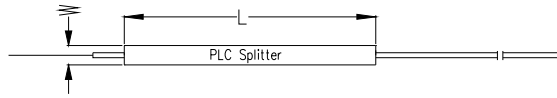
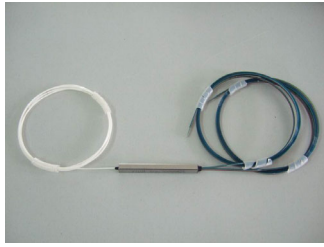
PLC SPLITTER

Mini Type Splitter Dimension (mm)



Type	1x2 1x4 1x8	1x16	1x32	1X64	2X2 2x4 2x8	2x16	2x32	2x64
L	60/55	80/60	80	100	70	80	80	100
W	12/7	20/12	20	40	12	20	20	40
H	4/4	6/4	6	6	4	6	6	6

Bare-Fiber Type Splitter Dimension (mm)



Type	1x2	1x16	1x32	1X64	2x2	2x16	2X64
	1x4				2X4		
	1x8				2x8		
L	40	40/50	50	60	50	60	60
W	4	4/7	7	12	4	7	12
H	4	4/4	4	4	4	4	4