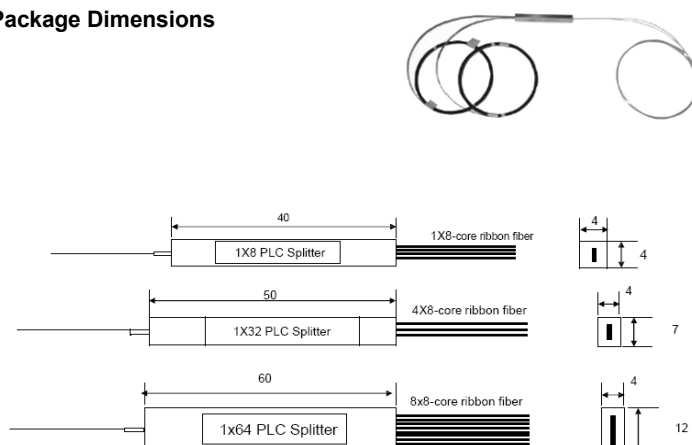


Bare PLC Splitter

It is used for small spaces can be easily placed in a formal joint boxes and splice closure, In order to facilitate welding, do not need specially designed for space reserved.

Package Dimensions



Features

- Low Insertion Loss And Low PDL
- Uniform Power Splitting
- High Reliability And Stability
- Excellent Environmental Stability
- Compact Size And Various Package
- Wide Operating Wavelength: From 1260nm To 1650nm

Applications

- FTTX Systems
- PON, CATV
- LAN, WAN and Metro Networks
- Other Fiber Optic Systems

Table1 – 1×N PLC Splitter

Parameters	1×2	1×4	1×8	1×16	1×32	1×64	Unit
Operating Wavelength	1620~1250						nm
Fiber Type	G657A or customer specified						—
Insertion Loss	3.8	7	10.2	13.5	16.5	20.5	dB
Loss Uniformity	0.4	0.6	0.8	1.2	1.5	2.5	dB
Return Loss	55	55	55	55	55	55	dB
PDL	0.2	0.2	0.3	0.3	0.3	0.4	dB
Directivity	55	55	55	55	55	55	dB
WDL	0.3	0.3	0.3	0.5	0.5	0.5	dB
Temperature Stability	0.5	0.5	0.5	0.5	0.5	0.5	dB
Operating Temperature	-20~75						℃
Storage Temperature	-40~85						℃
Packaging Dimention (L×W×H)	40×4×4	40×4×4	40×4×4	50×4×4	50×7×4	60×12×4	mm
Module Dimension (L×W×H)	100×80×10	100×80×10	100×80×10	120×80×18	140×115×18	140×115×18	mm
Mini-Module Dimension (L×W×H)	60×7×4	60×7×4	60×7×4	60×12×4	80×20×6	NA	mm

Table 2 – 2×N PLC Splitter

Parameters	2×2	2×4	2×8	2×16	2×32	Unit
Operating Wavelength	1620~1250					nm
Fiber Type	G657A or customer specified					—
Insertion Loss	4	7.6	11	14.5	17.5	dB
Loss Uniformity	0.8	1.5	1.5	2	2.5	dB
Return Loss	55	55	55	55	55	dB
PDL	0.2	0.2	0.3	0.4	0.4	dB
Directivity	55	55	55	55	55	dB
WDL	0.3	0.5	0.5	0.5	0.5	dB
Temperature Stability	0.5	0.5	0.5	0.5	0.5	dB
Operating Temperature	-20~75					℃
Storage Temperature	-40~85					℃
Packaging Dimention (L×W×H)	40×4×4	40×4×4	50×4×4	50×7×4	60×7×4	mm
Module Dimension (L×W×H)	100×80×10	100×80×10	100×80×10	120×80×18	140×115×18	mm
Mini-Module Dimension (L×W×H)	60×7×4	60×7×4	60×7×4	60×12×4	80×20×6	mm

Note

*Packaging sized could be customer specified.

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Ordering Information

