

Fiber PLC Splitter

Overview:

Fiber optic splitter is a network component that distributes incoming light (one or two input fibers) in equal parts towards multiple output fibers (2-64). Splitters are available with 250 gm bare fibers, 900gm buffered fibers and 2.0 mm cords. Input and output cords and fibers can have various lengths and can be terminated by optical connectors. atop fiber optic splitters can be integrated inside several products and/or applications in combination with keen fiber or cable management systems.

All products meet Telcordia 1209 and 1221 reliability requirements and are certified by TLC for network deployment.

Product Photo:



Future:

- Wide Operating wavelength From 1260-1650nm
- Low excess loss & High performance
- Good uniformity & Low PDL
- Small package size
- Various connector type & Package Size available

Application:

- Telecommunications networks
- CATV system
- Optical equipment
- Fiber optic sensors
- FTTH and FTTx

Specifications:

1 x N PLC Splitter

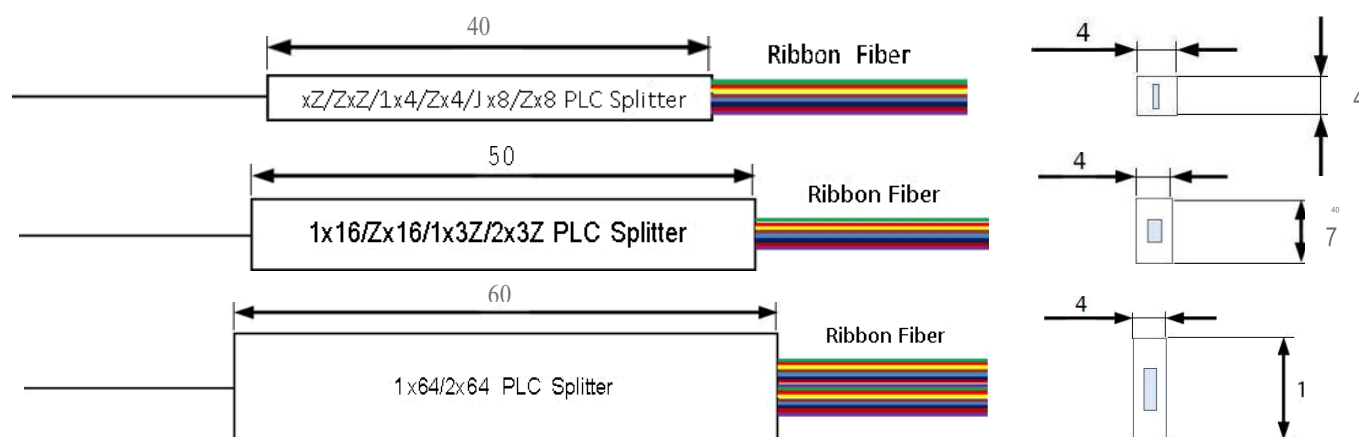
Parameter	1x2 Port	1x4 Port	1 x 8 Port	1x16 Port	1x32 Port	1x64 Port
Operating Wavelength(nm)	1260~1650					
Fiber Type	G65ZD/G657A1/G657A2					
Insertion Loss(dB)	3.8	7.1	10.2	13.5	16.8	20.5
Uniformity(dB)	0.4	0.6	0.8	1.2	1.5	2
Return Loss(dB)	55	55	55	55	55	55
PDL(dB)	0.2	0.2	0.2	0.3	0.3	0.35
Directivity (dB)	55	55	55	55	55	55
Temperature Stability (-40 ~ 85 C)(dB)	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature (°C)	-25 ~ 70					
Storage Temperature (°C)	-25 ~ 70					
Mini Module Dimension	60x7x4	60x7x4	60x7x4	60x12x4	80x20x6	100x40x6
ABS Box Dimension (LxNxH)	100x80x10	100x80x10	100x80x10	120x80x18	120x80x18	140x115x18
Bare Fiber Dimension (LxNxH)	40x4x4	40x4x4	40x4x4	50x7x4	50x7x4	60x12x4



2 x N PLC Splitter:

Parameter	2 x 2 Port	2 x 4 Port	2 x 8 Port	2 x 16 Port	2 x 32 Port	2 x 64 Port
Operating Wavelength(nm)	1260 ~1650					
Fiber Type	G65ZD/G657A1/G657A2					
Insertion Loss(dB)	4.1	7.4	10.8	14.3	17.3	21
Uniformity(dB)	1	1.5	1.5	2	2	2.5
Return Loss(dB)	55	55	55	55	55	55
PDL(dB)	0.3	0.3	0.3	0.3	0.3	0.5
Directivity (dB)	55	55	55	55	55	55
Temperature Stability (-40~85 C) (dB)	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature (°C)	-25 ~ 70					
Storage Temperature (°C)	-25 ~70					
Mini Module Dimension	60x7x4	60x7x4	60x7x4	60x12x4	80x20x6	100x40x6
ABS Box Dimension (LxNxH)	100x80x10	100x80x10	100x80x10	120x80x18	120x80x18	140x115x18
Bare Fiber Dimension (LxNxH)	40x4x4	40x4x4	40x4x4	50x7x4	50x7x4	60x12x4

Product Diagram:



Part Number:

Items Name	Part Number
1:2 Stilled Tube or ABS Box no Connector	SPLITTER-1:2NC-AT
1:4 Stilled Tube or ABS Box no Connector	SPLITTER-1:4NC-AT
1:8 Stilled Tube or ABS Box no Connector	SPLITTER-1:8NC-AT
1:16 Stilled Tube or ABS Box no Connector	SPLITTER-1:16NC-AT
1:32 Stilled Tube or ABS Box no Connector	SPLITTER-1:32NC-AT

Items Name	Part Number
1:2 Stilled Tube or ABS Box with Connector	SPLITTER-1:2WC-AT
1:4 Stilled Tube or ABS Box with Connector	SPLITTER-1:4WC-AT
1:8 Stilled Tube or ABS Box with Connector	SPLITTER-1:8WC-AT
1:16 Stilled Tube or ABS Box with Connector	SPLITTER-1:16WC-AT
1:32 Stilled Tube or ABS Box with Connector	SPLITTER-1:32WC-AT

