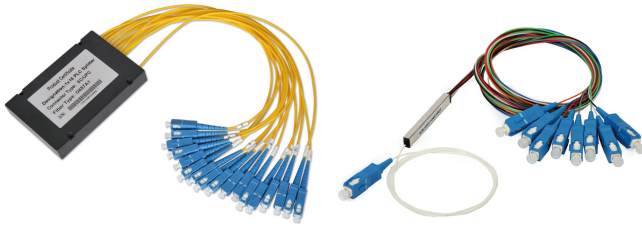


Fiber Optic PLC Splitter

Features



- Plug and play ready.
- Low polarization dependent loss.
- High environmental and mechanical stability.
- High channel counts.
- Available in dual/single wavelength operation.
- Optional connectors termination upon request.

The PLC Splitters is branching device that is used to distribute optical signals to multiple locations for processing. In optical networks, it is often necessary to split an optical signal into many identical signals, or to combine many signals into a single signal.

PLC Splitter (Planar lightwave circuit splitter) is a type of optical power management device that is fabricated using silica optical waveguide technology. They are designed for FTTx Passive Optical Networks, CWDM, DWDM and optical cable TV System. PLC Splitter is responsible to distribute the signal from centre office to numbers of premises.

Parameter

Mechanical Data	Value
Connector Type	LC/SC/FC/ST
Cable Diameter	0.9mm, 2.0mm, 3.0mm
Package Type	ABS, Steel Tube
Cable Color	Yellow

Environmental Data

Description	Value
Operating Temperature	-10°C to +70°C
Store Temperature	-20°C to +80°C
Fully Compliant	IEC-61754, TIA/EIA-604, GR326, RoHS

Performance Index

Parameters	Operating Wavelength:nm	Insertion Loss:dB(MAX)			Loss Uniformity:dB	Polarization Dependent Loss:dB
		No Connector	Connector	Adaptor		
1×2	1260-1650	3.8	4.2	4.4	0.6	0.2
2×2		4.0	4.4	4.6	0.6	0.2
1×4		7.4	7.8	8.0	0.7	0.2
2×4		7.6	8.0	8.2	0.7	0.2
1×8		10.5	10.9	11.1	1.0	0.3
2×8		10.8	11.2	14.4	1.0	0.3
1×16		13.5	13.9	14.1	1.2	0.3
2×16		13.8	14.2	14.4	1.2	0.3
1×32		16.8	17.2	17.4	1.5	0.3
2×32		17.1	17.5	17.7	1.5	0.3
1×64		20.5	20.9	21.1	2.0	0.3
2×64		20.8	21.2	21.4	2.0	0.3
1×128		24.0	24.4	24.6	2.5	0.5
2×128		24.3	24.7	24.9	2.5	0.5

Directivity:dB	Return Loss:dB		Wavelength Dependent Loss:dB	Temperature Stability:dB	Fiber Mode	Operating Temperature:	Storage Temperature(°C):
	APC	UPC					
≥55	≥55	≥50	≤0.5	≤0.5	G657	-10°C to +70°C	-20°C to +80°C

Package Index

Model	Size: L×W×H mm					
	Micro-Optical	Mini Type	Box Type	Insert Type	Tray Type	Frame Type
1×2	40×4×4	60×7×4	100×80×10	130×100×25	345×194×25	482×160×43.5
1×4	40×4×4	60×7×4	100×80×18	130×100×25	345×194×25	482×160×43.5
1×8	40×4×4	60×7×4	100×80×18	130×100×25	345×194×25	482×160×43.5
1×16	50×7×4	60×12×4	120×80×18	130×100×50	345×194×25	482×160×43.5
1×32	50×7×4	80×20×6	120×80×18	130×100×102	345×194×50	482×160×43.5
1×64	60×12×4	100×40×6	120×80×18	130×100×206	345×194×100	482×160×87
1×128	-	-	141×114×18	-	-	-
2×2	40×4×4	60×7×4	100×80×10	130×100×25	345×194×25	482×160×43.5
2×4	50×7×4	60×7×4	100×80×18	130×100×25	345×194×25	482×160×43.5
2×8	50×7×4	60×7×4	100×80×18	130×100×25	345×194×25	482×160×43.5
2×16	60×7×4	80×12×4	120×80×18	130×100×50	345×194×25	482×160×43.5
2×32	60×7×4	100×20×6	120×80×18	130×100×102	345×194×50	482×160×43.5
2×64	60×12×4	100×40×6	120×80×18	130×100×206	345×194×100	482×160×87
2×128	-	-	141×114×18	-	-	-
Note				2×32Horizontal 266×100×50		