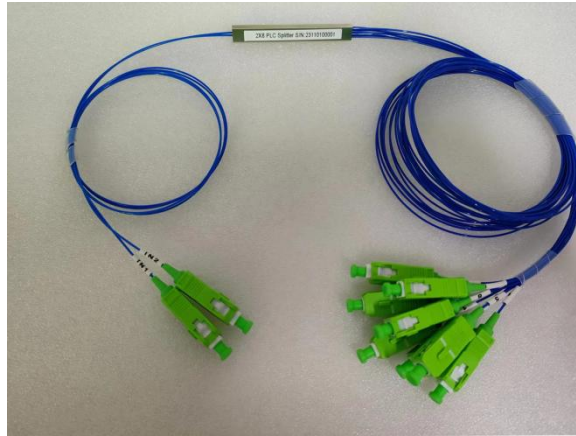




PON Fiber Optic Micro PLC Splitter Type 0.9mm with LC SC

Terminations



Description

1. There are no special requirements for the input and output terminals of the micro optical splitter. 0.9mm Hytrel white casing, if required colored pigtails are arranged according to the outline drawing.
2. The steel pipe of the micro optical splitter is made of stainless steel, and the surface must be smooth, non-deformed, and free of scratches, indentations and other defects.
3. The empty pipe has no dents, creases, cracks or discoloration. There is no looseness between the empty pipe and the encapsulated steel pipe, and there is no glue spillage. There is no misalignment between the upper cover and the bottom of the steel pipe. There are no protrusions or recesses in the plug.
4. If the pigtail requires a number tube, the number tube should be a single white heat-shrinkable number tube. The arrangement sequence is as shown in the figure; for a micro optical splitter with a connector, the number tube should be close to the connector. For a micro optical splitter without a connector, the number tube should be close to the connector. Splitter, the number tube should be close to the side of the splitter.
5. The SC/UPC pigtail connector shell and tail boot are blue, and the dust cap is transparent; the SC/APC pigtail connector shell and tail boot are green, and the dust cap is green; FC/UPC pigtail The connector tail boot is black and the dust cap is transparent; the FC/APC pigtail connector tail boot is green and the dust cap is green; the LC/UPC pigtail connector shell and tail boot are blue and the dust cap is white; the LC/APC pigtail connector shell and tail boot are green, and the dust cap is green.
6. Paste the product label on the front of the steel pipe in a straight and firm position.

Features

- Low Insertion loss
- Low PDL
- Compact Design
- Good channel-to-channel uniformity
- Wide Operating Wavelength:
 - From 1260nm to 1650nm
- Wide Operating Temperature:



- High Reliability and Stability

Applications

- FTTX Systems
- PON Networks
- CATV Links
- Optical Signal Distribution

Compliance

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE

Performance

Product parameters		1×2	2×2	1×4	2×4	1×8	2×8	1×16	2×16	1×32	2×32	1×64	2×64	1×128	2×128
Working wavelength:nm		1260-1650													
Insertion loss dB(MAX)	Does not include connectors	3.8	4.0	7.4	7.6	10.5	10.8	13.5	13.8	16.8	17.1	20.5	20.8	24.0	24.3
	With connector	4.2	4.4	7.8	8.0	10.9	11.2	13.9	14.2	17.2	17.5	20.9	21.2	24.4	24.7
	With adapter	4.4	4.6	8.0	8.2	11.1	14.4	14.1	14.4	17.4	17.7	21.1	21.4	24.6	24.9
Uniformity:dB		0.6	0.6	0.7	0.7	1.0	1.0	1.2	1.2	1.5	1.5	2.0	2.0	2.5	2.5
wavelength dependent loss:dB		0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5
Directionality:dB		≥55													
Return loss:dB	APC	≥55													
	UPC	≥ 50													
Wavelength dependent loss:dB		≤0.5													
Temperature dependent losses:dB		≤0.5													
Fiber optic model:		G657													
Operating temperature:		-40 °C ~ 85 °C													
Storage temperature:		-40 °C ~ 85 °C													

Shape Dimensions and appearance

Model	Shape size: L×W×H(mm)					
Split ratio	Bare device	Miniature	Box type	Insert type	Pallet type	Rack mount



UnitekFiber Shenzhen UnitekFiber Solution Limited

1×2	40×4×4	60×7×4	100×80×10	130×100×25	345×194×25	483×250×44.5
1×4	40×4×4	60×7×4	100×80×18	130×100×25	345×194×25	483×250×44.5
1×8	40×4×4	60×7×4	100×80×18	130×100×25	345×194×25	483×250×44.5
1×16	50×7×4	60×12×4	120×80×18	130×100×50	345×194×25	483×250×44.5
1×32	50×7×4	80×20×6	120×80×18	130×100×102 竖	345×194×50	483×250×44.5
1×64	60×12×4	100×40×6	120×80×18	130×100×206	345×194×100	483×250×44.5
1×128	-		141×114×18			
2×2	40×4×4	60×7×4	100×80×10	130×100×25	345×194×25	483×250×44.5
2×4	50×7×4	60×7×4	100×80×18	130×100×25	345×194×25	483×250×44.5
2×8	50×7×4	60×7×4	100×80×18	130×100×25	345×194×25	483×250×44.5
2×16	60×7×4	80×12×4	120×80×18	130×100×50	345×194×25	483×250×44.5
2×32	60×7×4	100×20×6	120×80×18	130×100×102 竖	345×194×50	483×250×44.5
2×64	60×12×4	100×40×6	120×80×18	130×100×206	345×194×100	483×250×44.5
2×128	-	-	141×114×18	-		