

Product Feature:

- Low insertion loss
- High return loss
- Telcordia GR-1209-CORE 2010 compliance
- Telcordia GR-1221-CORE 2010 compliance
- YD/T2000.1-2014 compliance

Application:

- FTTx
- PON networks
- CATV
- Data communication


Product Selection

Type	Input	Output	Tube Dia. (mm)	Length (m)	Fiber Type	Color
1*16	SC/UPC	SC/UPC	Hytrel 0.9	1	G657A1	White

PLC Splitter Micro Type Specifications

Bare Type structure chart

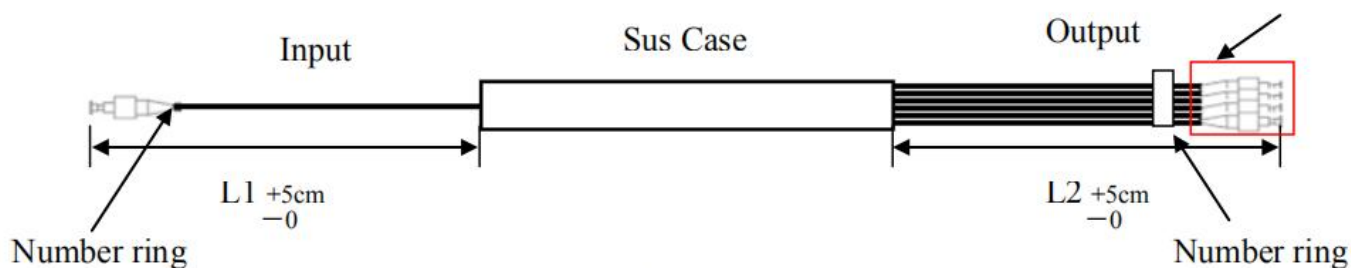


Figure 1

Micro Type Sus Case Size

Product Type	Tube Diameter (mm)	Sus Case Size (Lx Wx H) mm
1*16	0.9	60x12x4

Typical PLC Splitter Micro Type Optical Parameters

Product Type	1x16
Fiber Type	G. 657A1
Working Wave Length (nm)	1260nm~1650nm
IL (dB)	≤ 13.6
Uni (dB)	≤ 1.0
PDL (dB)	≤ 0.3
WDL (dB)	≤ 1.0
RL (dB)	≥ 50
Directivity (dB)	≥ 55

Mechanical Test

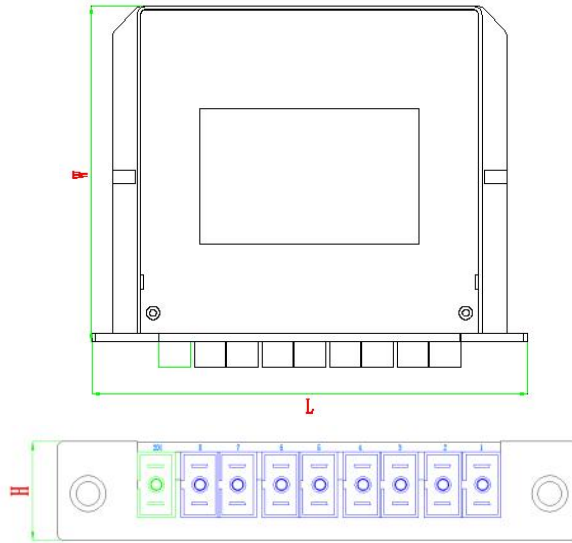
No.	Test	Performance	Results
1	Drop Test	1.8m, 3 directions, 8 times/direction, 5 cycle times	1. IL variation $\leq 0.5\text{dB}$ 2. Appearance checking
2	Vibration Test	Frequency: $10\sim 55\text{HZ}$	
		Scan: 45 times/min	
		Amplitude: 0.75mm	
		Time: X, Y, Z direction/30 min	
3	Fiber Torsion Test	Load: $\emptyset 0.9\text{ mm}$, 4N;	
		Method: $22\sim 28\text{cm}$, $\pm 180^\circ$, 10 times/Min, 25 times	
4	Fiber Tension Test	Load: $\emptyset 0.9\text{ mm}$, 4N;	
		Method: $22\sim 28\text{cm}$.	

Reliability Test

No.	Test	Performance	Results
1	High temperature storage (dry)	$85^\circ\text{C} (\pm 2^\circ\text{C})$, humidity $< 40\text{RH}$, 2000h	1. IL variation $\leq 0.5\text{dB}$; 2. Appearance checking
2	Low temperature storage	$-40^\circ\text{C} (\pm 5^\circ\text{C})$, 2000h	
3	High temperature storage (humid-heat)	$75^\circ\text{C} (\pm 2^\circ\text{C})$, $90\% (\pm 5\%) \text{RH}$, 500h (COa), 2000h (UNCb)	
4	Temperature Cycle	$-40^\circ\text{C} \sim +85^\circ\text{C}$, 8h/Cycle, 500 cycles.	

LGX Type PLC Splitter

1. The appearance of the LGX Type PLC Splitter is free of scratches, variegated colors, water ripples, bubbles, shrinkage, chromatic aberration, and piercing. The locking parts for fixing the box body have no defects such as missed hits, less hits, screws not tightened, screws slipping, and screw surface scratches.
2. All parts are tightly matched, and the black buckle is inserted and pulled out forcefully and smoothly.
3. Adapter: SC/UPC type input end is green adaptor, output end is green adaptor, adaptor opening to the left.
4. The label is required to be pasted on the insert, the label is in the center, and the paste is firm.


Dimension of Box: mm

Type	1*16
size (L*W*H)	130*100*50

Packing detail

Packed in a carton, one in a box, paste the inner box label on the upper left corner of the inner box of the insert, and then put it into the outer box according to the specified quantity, and put the outer box label on the upper left corner of the outer box

Split ratio	Inner box size (mm)	Number of packages per box	Carton Box size(mm)	Number of standard packages (PCS)
1:16	265x135x120	5	630x280x295	50