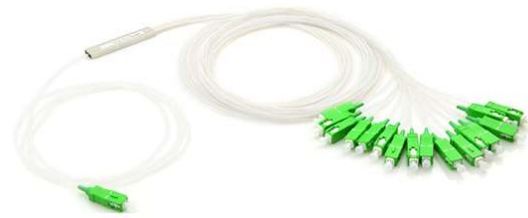


Broadstick Fiber Optic Mini PLC Splitters



Broadstick provides custom Fiber Optical PLC Splitter for GPON and EPON.

The Broadstick Fiber Optic PLC Splitter with stainless tube provides a high quality connection for telecom networks, equipment distribution areas, etc.



 **BROADSTICK**

Features

- Low insertion Loss.
- Low PDL (Polarization Dependent Loss)
- Compact design.
- Stainless tube for PLC splitter.
- Reliability and Stability
- Wide Operating Wavelength: From 1260nm to 1650nm
- Wide Operating Wavelength: From 1260nm to 1650nm
- Wide Operating Temperature: From -40°C to 85°C
- Ideal for GPON and EPON.
- Ideal for FTTx applications.
- Customized G.652 or G.657a1.
- Comply Telcordia GR-1209-CORE and Telcordia GR-1221-CORE

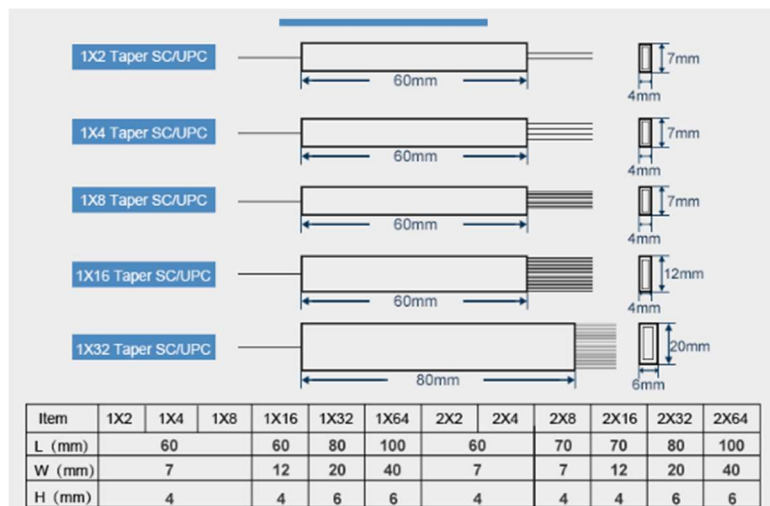
Custom Design

Product	Port	Input Pigtail Style	Input Connector	Output Pigtail Style	Output Connector	Fiber Length	
PLC	0102=1x2	0=bare fiber	0=none	0=bare fiber	0=none	0=0.5m	
	0104=1x4	1=900um Loose tube	1=SC/PC	1=900um Loose tube	1=SC/PC	1=1m	
	0108=1x8	2=900um Jacket	2=SC/APC	2=900um Jacket	2=SC/APC	2=1.5m	
	0116=1x16	3=2.0mm cable	3=FC/PC	3=2.0mm cable	3=FC/PC	3=2m	
	0132=1x32	4=3.0mm cable	4=FC/APC	4=3.0mm cable	4=FC/APC	4=3m	
	0164=1x64			5=ST/PC		5=ST/PC	
				6=LC/PC		6=LC/PC	
7=LC/APC				7=LC/APC			

Specifications

Parameters	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Operating Wavelength (nm)	1260~1650						
Fiber Type	Single Mode						
Insertion Loss(dB) (P/S Grade)	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0	24.2/24.5
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2	2.5
Return Loss (dB) (P/S Grade)	55/50	55/50	55/50	55/50	55/50	55/50	55/50
Polarization Dependent Loss(dB)	0.2	0.2	0.2	0.25	0.3	0.35	0.35
Directivity (dB)	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.5	0.5	0.5	0.5
Temperature Stability(-40~85 °C) (dB)	0.4	0.4	0.4	0.5	0.5	0.5	0.5

PLC Size for Loose Tube 900 μm



PLC Size for Ribbon Fiber

