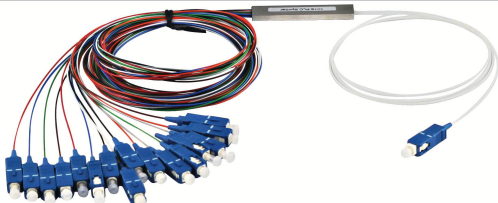


ITEM	Steel tube PLC Splitter
MODEL NO.	PLC-S-106
DESCRIPTION	1*16 Steel tube PLC Splitter
	

Overview

The AOA single-mode Planar Lightwave Circuit Splitter (PLCS) are developed based on unique silica glass waveguide process with reliable precision aligned fiber pigtail in a miniature package, it provides a low cost light distribution solution with small form factor and high reliability. Compliant with Telcordia GR-1209, Telcordia GR-1221, IEC 61753-1 and IEC 61755-1 Grade B.

The 1x16 Steel tube PLC Splitter devices have high performance in terms of low insertion loss, low PDL, high return loss and excellent uniformity over a wide wavelength range from 1260nm to 1620nm and working in temperature from -40°C to +80°C. The PLC Optical Splitters have standard configurations of 1x4, 1x8, 1x16 and 1x32 configurations, as well as customized structures of 2x8, 2x16, 2x32.

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating temperature range
- Customized packaging and configuration

Application

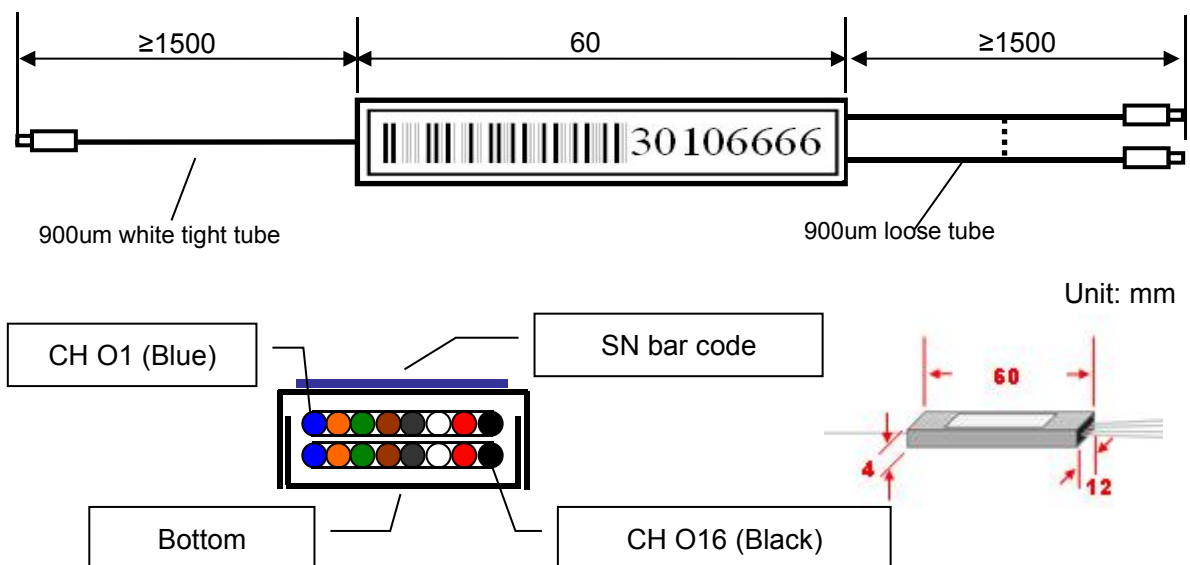
- FTTx Systems
- LAN, WAN and Metro Networks
- Analog/Digital Passive Optical Networks
- CATV Networks
- Other applications in fiber optic systems

Technical Indexes

Parameters	Specifications
Channel Number	1x16
Operating Wavelength (nm)	1260~1650
Fiber type	G657A1(default)
Connector type	Without connector, SC/UPC, SC/APC
Insertion Loss (dB)	without connector ≤ 13.6 ; with connector ≤ 13.8
Loss Uniformity (dB)	≤ 1.4
Polarization Dependent Loss (dB)	≤ 0.3
Return Loss (dB)	UPC ≥ 50 ; APC ≥ 55
Directivity (dB)	≥ 55
Package Dimension (mm)	Bare: 50x7x4 Fan-Out: 60x12x4
Operating Temperature (°C)	-40~85
Storage Temperature (°C)	-40~85

Specifications may change without notice

Dimensions



Ordering Information

Technology	Package	Port	Fiber Type	Input Pigtail	Fiber Length	In/Out Connector
PLC	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	B=Bare Fiber	102=1x2	1=G652D	1=Bare Fiber	1=1M	0=Without Connector
	S=Steel Type	104=1x4	2=G657A	2=900μm jacket fiber	2=1.2M	1=SC/PC
	A=ABS Box	108=1x8	C=Customized	3=2.0 jacket fiber	3=1.5M	2=SC/APC
	M=Modular	116=1x16		4=3.0 jacket fiber	C=Customized	3=FC/PC
	R=Rack-Mountd	132=1x32				4=FC/APC
	C=Customized	164=1x64				5=LC/UPC
		202=2x2				6=LC/APC
		204=2x4				C=Customized
		208=2x8				
		216=2x16				
		232=2x32				
		264=2x64				

Example: PLC-S-104-2-2-1-1: Steel Type 1x4 G657A 0.9mm 1M SC/UPC