

■Product Information

Product Name : PLC Splitter

Product Model : 1*8 Card-box Type

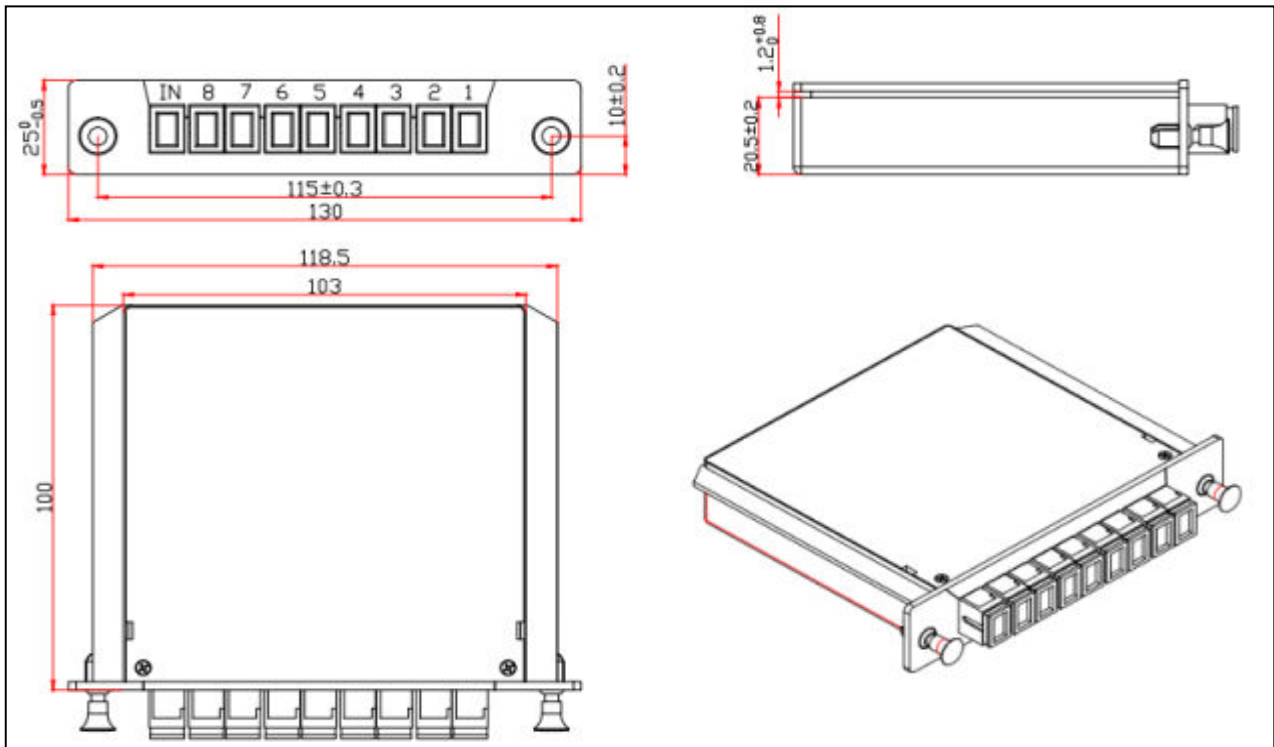
■Product Standards

- YD/T 2000.1-2014
- GR-1209-Core
- GR-1221-Core
- ISO/IEC 11801 Generic cabling for customer premises

■Product features

- Good Uniformity
- Not Sensitive to wavelengths
- Low Polarization loss
- Reliable
- Smaller size

■Product structure diagram



■Product composition information

Category		Specification	Remarks
PLC Splitter	Fiber Type	G657A1	
	Splitter Type.	0.9mm-Mini Type	
	Product length	0.4M	
	Connector Type	SC, FC or LC	
The Box	Size	130*100*25mm	
	Material	ABS	
	Colour	Grayish White	
	Channel marking	Yes	

■Optical performance

Category	Specification		Remarks
Working Wavelength	nm	1260 ~ 1650	
Test Wavelength	nm	1310&1490&1550	
Insertion Loss	dB	≤10.5	
Channel Uniformity	dB	≤0.8	
Polarization Dependent Loss-PDL	dB	≤0.2	
Directivity	dB	≥55	
Return Loss	dB	UPC≥50;APC≥55	
High power operation	mW	100	
Operating Temperature	°C	-40 ~ +85	

■Product characteristics

Criteria for determination : $\Delta IL \leq 0.3dB$; $\Delta RL \leq 5dB$.

1.Environmental characteristics

2.Mechanical characteristic

Project	Test condition
High Temperature	85°C , 200H
Low Temperature	-40°C , 200H
Temperature Cycle	-40 ~ +85°C , 3.5H/Cycle , 30 cycles
Hot and humid	110°C , 90% ~ 95%RH , 2 atmospheric pressure , 96H
Immersion	25±5°C, PH5.5±0.5 , 168H

Project	Test condition
Impact	1.8m, three axial, 8 times / axial
Vibration	10 to 50HZ, 45 times /min, amplitude 0.75mm, three axial. Each axial 30min

