

## OPC- PLC Splitter Series

### Features:

Low insertion loss, low PDL  
 High credibility and stability  
 Industry standard and custom housing available  
 Low Polarization dependent loss

### Application:

Optical communication system  
 CATV System  
 System and signal monitoring  
 Fiber to the home (FTTH)



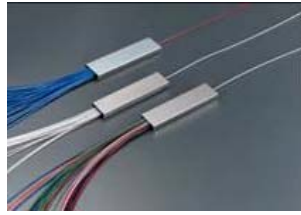
### Specification:

Parameter	Unit	1×2	1×4	1×8	1×16	1×32	1×64		
<b>Premium Grade</b>									
Insertion Loss at 23°C	dB(Max)	4.0	7.0	10.4	13.5	16.8	20.5		
Channel Uniformity	dB(Max)	0.6	0.8	1.0	1.4	1.6	2.0		
PDL	dB(Max)	0.2	0.3	0.3	0.3	0.3	0.5		
<b>Standard Grade</b>									
Insertion Loss at 23°C	dB(Max)	4.2	7.3	10.6	13.8	17.1	20.8		
Channel Uniformity	dB(Max)	0.6	0.8	1.0	1.4	1.6	2.0		
PDL	dB(Max)	0.2	0.3	0.3	0.3	0.3	0.5		
Operating wavelength	nm	1260~1650							
Return Loss	dB(Min)	55							
Directivity	dB(Min)	55							
Operating Temperature	°C	-40~85							
Storage Temperature	°C	-40~85							
Fiber Type	-	G.657.A or G.652.D							
Bare Fiber Type PLC Splitter	Dimension: H×W×Lmm	4×4×40		4×4×50		4×7×55		4×12×60	
900um Fan-out Type PLC Splitter		4×4×40		4×4×50		4×7×55		4×12×60	
900um MINI Type PLC Splitter		4×7×55(60)		4×12×60		6×20×80		6×40×100	
Module Type PLC Splitter		10×80×100		18×80×120		18×115×140			
<b>Premium Grade</b>									
Insertion Loss at 23°C	dB(Max)	4.0	7.3	10.6	13.9	17.2	20.8		
Channel Uniformity	dB(Max)	0.8	1.0	1.2	1.5	1.8	2.0		
PDL	dB(Max)	0.2	0.3	0.3	0.3	0.3	0.5		
<b>Standard Grade</b>									
Insertion Loss at 23°C	dB(Max)	4.2	7.5	11.0	14.5	17.5	21.0		
Channel Uniformity	dB(Max)	0.8	1.0	1.2	1.5	1.8	2.0		
PDL	dB(Max)	0.2	0.3	0.3	0.3	0.3	0.5		
Operating wavelength	nm	1260~1650							
Return Loss	dB(Min)	55							
Directivity	dB(Min)	55							
Operating Temperature	°C	-40~85							
Storage Temperature	°C	-40~85							
Fiber Type	-	G.657.A or G.652.D							
Bare Fiber Type PLC Splitter	Dimension: H×W×Lmm	4×5×50		4×7×65		N/A			
900um Fan-out Type PLC Splitter		4×5×50		4×7×65		N/A			
900um MINI Type PLC Splitter		4×7×65		6×20×80		6×20×100		N/A	
Module Type PLC Splitter		10×80×100		18×80×120		18×115×140			

## Splitter Type:



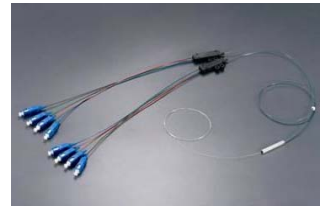
900um MINI Type



900um MINI Type



ABS Module Type



900um Fan-out



Bare Fiber Type



LGX Module

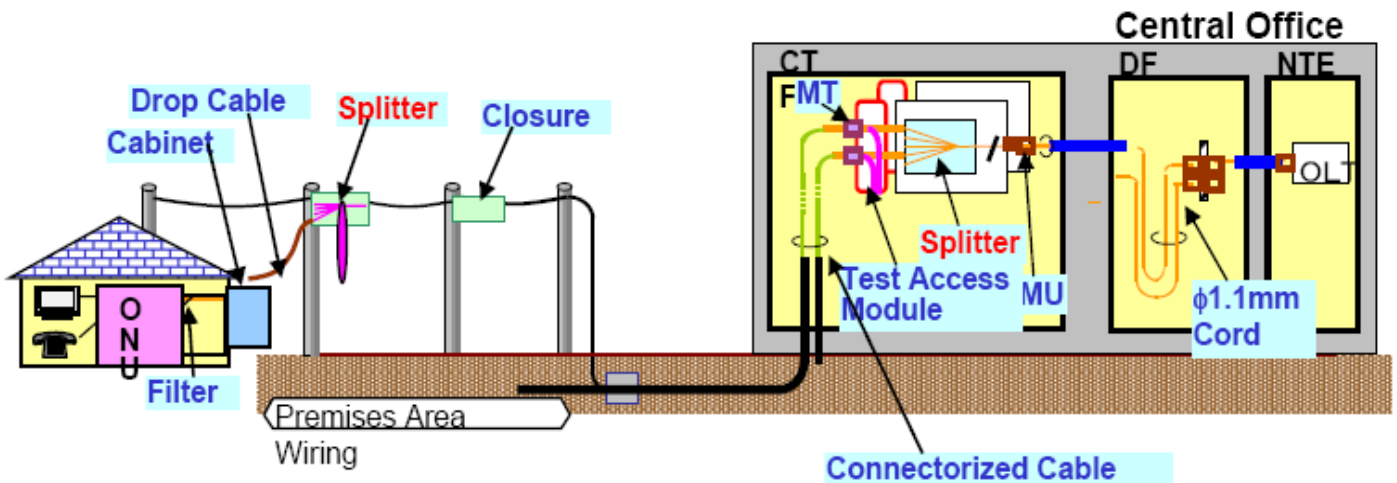


In 1U 19" Rack Mount



Rack mount with MINI type

## Application:



## Ordering Information:

### PLC Splitter -①-②-③-④-⑤

①Port	②Pigtail Style
1x2	1=0.9mm
1x4	2=2.0mm
.....	3=3.0mm
1x64	
2x2	
2x4	
.....	
2x64	

③Connector Type
0=None
1=FC/UPC
2=FC/APC
.....
C=Customized

④Package Type
1=Bare Fiber Type
2=900um Fan-out
3=900um MINI
4=Module Type

⑤Length
1=0.5M
2=1M
C=Customized