

## Direct Tray Type PLC Splitter

### 1. Features

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ Low PDL
- ◆ Compact Design
- ◆ Good channel-to-channel uniformity
- ◆ Wide Operating Wavelength
- ◆ High Reliability and Stability

### 2. Applications

- ◆ FTTH systems
- ◆ PON Network
- ◆ Communication Equipment
- ◆ CATV Links

### 3. Compliance

- ◆ GR-1209-CORE
- ◆ GR-1221-CORE
- ◆ YD/T-1272Q
- ◆ Q/CT-2295
- ◆ RoHS



#### 4. Specifications & Mechanical Dimensions

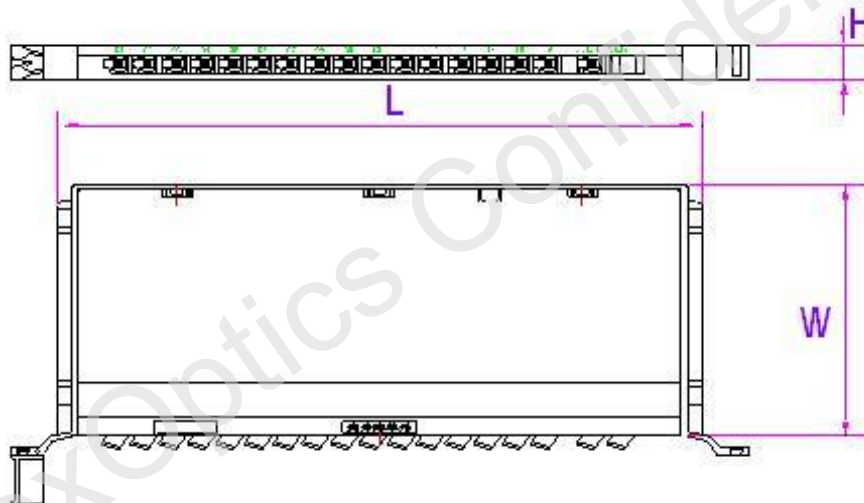
Direct Tray Type 1XNPLC Splitter								
Operating Wavelength (nm)		1260-1650						
Fiber Type		G657A1 or customer specified						
Port Configuration		1x2	1x4	1x8	1x16	1x32	1x64	1x128
Insertion Loss (dB) (P/S Grade)	Max	4.1/4.3	7.4/7.6	10.5/10.8	13.8/14.0	16.8/17.2	20.8/21.3	23.8/24.5
Loss Uniformity (dB)	Max	0.8	0.8	0.8	1.2	1.5	2.0	2.5
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.25	0.3	0.4	0.4
Return Loss (dB)	Min	55	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0	1.2
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Dimension (mm) (LxWxH)		285x180 x25	285x180 x25	285x180 x25	285x180 x25	285x180 x25	285x180 x50	285x180 x50

**Note:**

1. Specified without adapter.
2. Add an additional 0.2dB loss per adapter max.
3. Operating Temperature (°C): -40~85.
4. Storage Temperature (°C) -40~85.
5. IL、PDL、WDL can also be customer specified.

Direct Tray Type 2XN PLC Splitter								
Operating Wavelength (nm)		1260-1650						
Fiber Type		G657A1 or customer specified						
Port Configuration		2x2	2x4	2x8	2x16	2x32	2x64	2x128
Insertion Loss (dB)	Max	4.5	7.9	11.3	14.8	17.8	21.3	24.8
Loss Uniformity (dB)	Max	0.9	1.1	1.2	1.5	1.8	2.2	2.5
Polarization Dependent Loss(dB)	Max	0.3	0.3	0.3	0.3	0.35	0.4	0.40
Return Loss (dB)	Min	55	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0	1.2
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (LxWxH)		285x180 x25	285x180 x25	285x180 x25	285x180 x25	285x180 x25	285x180x5 0	N/A



**Note:**

1. Specified without adapter.
2. Add an additional 0.2dB loss per adapter max.
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## 5. Ordering Information

PPM	-	XXX	-	XX	-	X	X
		Port Configuration		Modules type		Input connector	Output connector
P=PlexOptics		102=1X2		LX=LGX box, metal		0=None	0=None
P=PLC Splitter		104=1X4		19=19'1U Rack-Mountable		1=FC/UPC	1=FC/UPC
M=Module		108=1X8		CX=Cassette Module		2=FC/APC	2=FC/APC
		.....		WM=Wall-Mounted PLC		3=SC/UPC	3=SC/UPC
		164=1X64		TR=Tray Type		4=SC/APC	4=SC/APC
		202=2X2		XX=Customized		5=LC/UPC	5=LC/UPC
		.....				6=LC/APC	6=LC/APC
		264=2X64				X=Customized	X=Customized

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