

**PLC Splitter**

**Rack Type PLC Splitter**



**DESCRIPTION**

ANDA TELECOM PLC splitter is based on silicon dioxide waveguides, which is used to connect main equipment and terminal equipment in EPON, BPON and GPON network.

**FEATURES**

- Qualified with CE certificate and ROHS certificate.
- Comply with GR-1209-CORE, GR-1221-CORE, YD/T 2000.1-2014 and IEC criterion.

**ANDA Telecom Pvt. Ltd.**

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**HOUSING SIZE AND RIBBION:**

P 3 Size of 2U 19 Inch Chassis

**T 3.1 19 Inch Chassis Dimension**

Type	Requirement	
	W x H x D (mm)	Remark
N: 2~N: 32	1U, (482±2) x (44±0.5) x (200±2)	width of rack without bracket is 433mm, tolerances is ±2mm.
N: 64	2U. (482±2) x (88±0.5) x (200±2)	

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**OPTICAL PARAMETER:**

**T4.1 1×N (N≥2)PLC splitter optical parameter**

Parameter		1X2	1x4	1x8	1x16	1x32	1x64
Wavelength (nm)		1260 ~ 1650					
IL (dB)		≤4.1	≤7.4	≤10.5	≤13.8	≤17.1	≤20.4
Uniformity (dB)		≤0.6	≤0.7	≤0.8	≤1.0	≤1.5	≤2.0
RL (dB)		≥50(PC); ≥55(APC)					
PDL (dB)		≤0.15	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3
Directivity (dB)		≥55	≥55	≥55	≥55	≥55	≥55
Environ ment	Operating temp(°C)	-40~85°C					
	Storage temp(°C)	-40~85°C					
	Humidity	≤95% (+40°C)					
	Atmospheric pressure	62~106kPa					
Fiber		SM G657A or customized					
Connector		SC, FC, LC					
Pigtail (mm)		1000, 1500, 2000 or customized					

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**T4.2 2×N (N≥2) PLC splitter optical parameter**

Parameter	2X2	2x4	2x8	2x16	2x32	2x64
Wavelength (nm)	1260 ~ 1650					
IL (dB)	≤4.4	≤7.7	≤10.8	≤14.1	≤17.4	≤20.7
Uniformity (dB)	≤0.8	≤1.0	≤1.0	≤1.5	≤1.8	≤2.0
RL (dB)	≥50(PC); ≥55(APC)					
PDL (dB)	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4
Directivity (dB)	≥55	≥55	≥55	≥55	≥55	≥55
Environment	Operating temp(°C)	-40~85°C				
	Storage temp(°C)	-40~85°C				
	Humidity	≤95% (+40°C)				
	Atmospheric pressure	62~106kPa				
Fiber	SM G657A or customized					
Connector	SC, FC, LC					
Pigtail (mm)	1000, 1500, 2000 or customized					

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