

PLC Splitter

Cassette 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.

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HOUSING SIZE AND RIBBION:

T 3.1 Cassette Type PLC Splitter Housing Size

Size	nX2	nX4	nX8	nX16	nX32 (SX)	nX32 (HX)	nX64 (SX)	nX64 (HX)
LXWXD(mm)	130X100X25		130X100X50		130 X100X102	266 X100X50	130 X100X206	266 X100X100

ANDA Telecom Pvt. Ltd.

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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					

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
Environ	Operating temp(°C)	-40~85°C					
	Storage temp(°C)	-40~85°C					
	Humidity	≤95% (+40°C)					

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Turning Copper into Gold

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