

## PLC Splitter

## Cassette Type PLC Splitter



## DESCRIPTION

Welltech Enterprises 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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### **WELLTECH ENTERPRISES**

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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

## 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	Operating temp(°C)	-40~85°C					
	Storage temp(°C)	-40~85°C					

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ment	Humidity	≤95% (+40℃)
	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
Operating temp(℃)	-40~85℃					

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	Atmospheric pressure	62~106kPa
Fiber		SM G657A or customized
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