

PLC Splitter

Tray 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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HOUSING SIZE AND RIBBION:

T3.1 Tray type PLC Splitter dimension

Dimension	nx2, nx4, nx8, nX16	1X32, 2X32	1X64, 2X64
L x W x H (mm)	288×180×25	288×180×50	288×180×100

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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