

PLC Splitter

Box 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.

WELLTECH ENTERPRISES

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HOUSING SIZE AND RIBBION:

SC, FC, LC

P 4 2x8 Box Type PLC Splitter Structure

T 3.1 Box PLC splitter housing size

size	nX2	nX4	nX8	nX16	nX64
LXWXH	100X80X10mm			141X115X18mm or 130x80x28mm	

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
Operating temp(°C)	-40~85°C					

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Environ ment	Storage temp(°C)	-40~85℃
	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

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