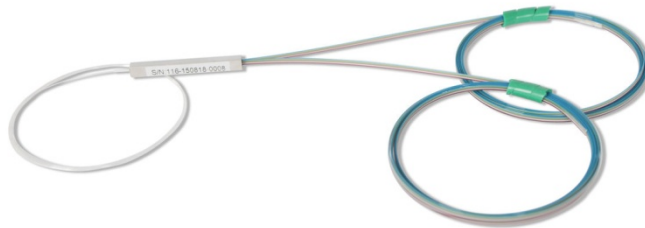


PLC Splitter

Bare Fiber 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.

HOUSING SIZE AND RIBBION:

T 3.1 bare fiber PLC splitter housing size and ribbon

	nx2, nx4, 1x8	2x8, nx16	nx32	nx64	ribbon
L(mm)	40	50	60	60	Color: blue, orange, green, brown, grey, white, red, black or customized Supplier: YOFC, Fiberhome, Corning
W(mm)	4	7	7	12	
H(mm)	4	4	4	4	

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OPTICAL PARAMETER:

T 4.1 1×N (N≥2) bare fiber PLC splitter optical parameter

Parameter	1X2	1x4	1x8	1x16	1x32	1x64
Wavelength (nm)	1260 ~ 1650					
IL (dB)	≤3.8	≤7.2	≤10.3	≤13.5	≤16.8	≤20.1
Uniformity (dB)	≤0.6	≤0.7	≤0.8	≤1.0	≤1.5	≤2.0
RL (dB)	≥55					
PDL (dB)	≤0.15	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3
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					
Ribbon color	Blue, orange, green, brown, grey, white, red, black or customized					
Output length (mm)	1000, 1500, 2000 or customized					

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

Parameter	2X2	2x4	2x8	2x16	2x32	2x64
Wavelength (nm)	1260 ~ 1650					
IL (dB)	≤4.0	≤7.5	≤10.6	≤13.9	≤17.1	≤20.5
Uniformity (dB)	≤0.8	≤1.0	≤1.0	≤1.5	≤1.8	≤2.0
RL (dB)	≥55					
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				

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Turning Copper into Gold

Fiber	SM, G657A or customized
Ribbon	Blue, orange, green, brown, grey, white, red, black or customized
Ribbon length (mm)	1000, 1500, 2000 or customized

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