Bare - Ribbon PLC Splitter

Features

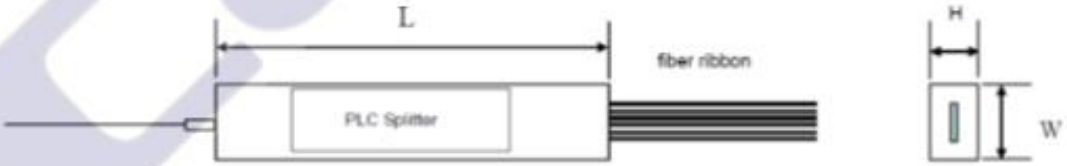
- Low insertion loss
- High isolation
- Low PDL
- Compact design
- Good channel-to-channel uniformity
- Wide operating wavelenght
- High reliability and stability

Application:

- FTTH systems
- PON networks
- CATV links
- Communication equipemnt

Compliance:

- GR-1209-CORE
- GR-1221-CORE
- YD/T-1272Q
- Q/CT-2295
- RoHS



CoreTel s.r.o.
K Cintorínu 64
010 04 Žilina
Slovenská republika

IČO: 47 744 731
IČ DPH: SK2024077726

Fio banka a.s. č.ú.:
EUR: 2500577171/8330
CZK: 2100577172/2010
USD: 2400577174/8330

Tel. č.: +421 948 87 55 87
Tel. č.: +421 948 86 55 86
Email: coretel@coretel.eu
Web: www.coretel.eu

Bare Fiber 1XN PLC Splitter								
Operating Wavelength (nm)		1260-1650						
Fiber Type		G657A1 or customer specified						
Port Configuration		1×2	1×4	1×8	1×16	1×32	1×64	1×128
Insertion Loss (dB)（P/S Grade）	Max	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0	23.8/24.2
Loss Uniformity (dB)	Max	0.5	0.7	0.8	1.2	1.5	2.0	2.5
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.25	0.3	0.4	0.5
Return Loss (dB)	Min	55	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0	1.2
Temperature Stability(-40～85 ℃)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (L×W×H)		40×4×4	40x4×4	40x4x4	50x4x4	50x7x4	60x12x4	N/A

Notes:

1. Specified without connectors.
2. Add an additional 0,2dB loss per connector.
3. Operating Temperature (°C): -40~85.
4. Storage Temperature (°C): -40~85.
5. IL, PDL, WDL can also be customer specified.

Product	Type	Port configuration	Input fibre type [mm]	Input fiber length [m]	Output fiber type	Input port connector type
CT-PLC	B-R	X/XX	0.XXX	X.X	X	X
PLC splitter	Bare - Ribbon	1 / 2	0.25B =0,25mm bare fiber	1.0	B = 0,25mm bare fiber	0=None
		1 / 4	0.90L = 0,9mm loose tube	1.5	R = ribbon fiber	1= SC/PC
		1 / 8	0.90T = 0,9mm tight tube	2.0	F = fant out box with 0,9mm loose tube	2= SC/APC
		1 / 16		...		3= LC/PC
		1 / 32				4 = LC/APC
		1 / 64				

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