

PLCスプリッタモジュール
PLC Splitter Module



Features

Low Insertion loss
Low PDL
High Return Loss
Uniform Power Splitting
Compact Design
Wide Operating Wavelength
Wide Operating Temperature
Excellent Environmental & Mechanical Stability
Qualified Under Telcordia GR-1221 and GR-1209

Applications

FTTX (FTTP, FTTH, FTTN, FTTC)
Passive Optical Networks (PON)
Local Area Networks (LAN)
CATV Systems
Test Equipments

Optical Specifications

Parameter	Unit	Specification (P Grade)										
		1X2	1X3	1X4	1X6	1X8	1X12	1X16	1X24	1X32	1X64	1X128
Channel Number												
Operation Wavelength	nm	1260~1650										
Insertion Loss (Max.)	dB	4.3	6.2	7.4	9.8	10.7	12.5	13.9	16.5	17.2	21.5	25.5
Uniformity (Max.)	dB	0.5	0.6	0.8	0.8	1.0	1.0	1.4	1.5	1.6	2.0	2.6
Polarization Dependent Loss	dB	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.8
Return Loss	dB	≥50										
Directivity	dB	≥50										

Parameter	Unit	Specification (P Grade)						
		2X2	2X4	2X8	2X16	2X32	2X64	2X128
Channel Number								
Operation Wavelength	nm	1260~1650						
Insertion Loss (Max.)	dB	4.3	7.6	11.0	14.8	17.9	21.5	25.8
Uniformity (Max.)	dB	0.8	1.0	1.2	1.5	1.8	2.0	3.0
Polarization Dependent Loss	dB	0.2	0.3	0.3	0.3	0.3	0.5	1.0
Return Loss	dB	≥50						
Directivity	dB	≥50						

Note: All the data above does not include connectors.

UPC Connectors: IL add 0.2 dB, APC Connectors: IL add 0.3 dB.

Environmental Conditions

Operating Temperature	°C	-40~+85	
Storage Temperature	°C	-40~+85	
Operating Humidity	%RH	≤93	
Storage Humidity	%RH	≤93	

Contact your OSTenp representative for information on specifications and availability.

Order Information

Port	0101=1x1, 0102=1x2, ..., 0404=4x4, ..., 0132=1x32, 0232=2x32
Fiber Type	1=G652D, 2=G657A
Package Dimension	D, E, ..., F, K, U, X
Input Fiber Type	L=900μm Loose tube, S=2.0mm, R=3.0mm, 0=Adapter
Output Fiber Type	L=900μm Loose tube, S=2.0mm, R=3.0mm,, 0=Adapter
Pigtail Length	05--20=0.5--2.0m, 0=Adapter, X=Others
Connector Type	FU=FC/UPC, FA=FC/APC, SU=SC/UPC, SA=SC/APC, ST=ST/UPC, LU=LC/UPC, LA=LC/APC, 00=None, X=Others

Packaging Information

Items	1x2	2x2	1x3	1x4	2x4	1x6	1x8(127)	1x8(250)	2x8	
Φ0.9 plastic case	D/E		E							
Φ2.0 plastic case	D/E		E							
Φ3.0 plastic case	D/E		E							
19" Rack Mount	XU									
Items	1x12	1x16	2x16	1x24	1x32	2x32	1x64	2x64		
Φ0.9 plastic case	K			F						
Φ2.0 plastic case	K						F			
Φ3.0 plastic case	F						/			
Rack Mount	XU/XG									

Package Dimensions (mm)

D	90x20x9.5 plastic case	XU	1,2,3,4U 19" Rack Mount
E	100x80x10 plastic case	XG	1,2,3,4U LGX
F	141x115x18 plastic case	X	Custom Specifies
K	120x80x18 plastic case		

* 詳細は、お手数ですがお問い合わせフォームにお願いします。

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