

PLC Splitter Modularization

DESCRIPTION

Hoesn's 1xN/2xN PLC splitters based on planar lightwave circuit technology and precision aligning process can divide a single/dual optical input(s) into multiple optical outputs uniformly, and offer superior optical performance, high stability and high reliability to meet various application requirements. Our standard modules with PLC Splitter have "Cassette-type" & "Rack-type". We can also have the customized dimension.

FEATURES

- ✧ Low Insertion loss
- ✧ Low PDL
- ✧ Compact Design
- ✧ Wide Operating Wavelength
- ✧ Wide Operating Temperature
- ✧ High Reliability and Stability
- ✧ Telcordia Compliance

APPLACATION

- ✧ FTTX Deployments
- ✧ PON Networks
- ✧ CATV Links
- ✧ Optical Signal Distribution

TYPES

I. Cassette-Type

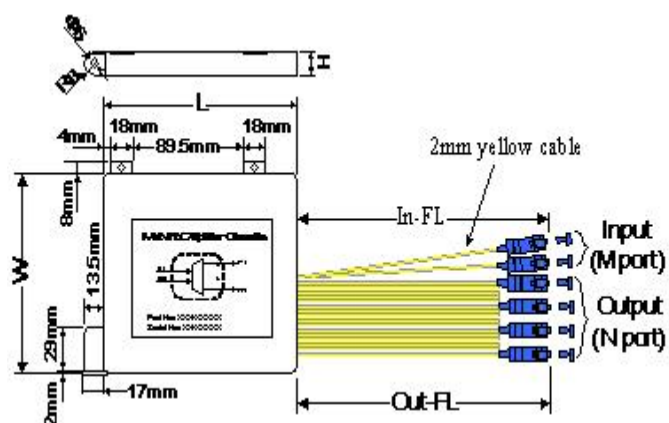


II. Rack-Type

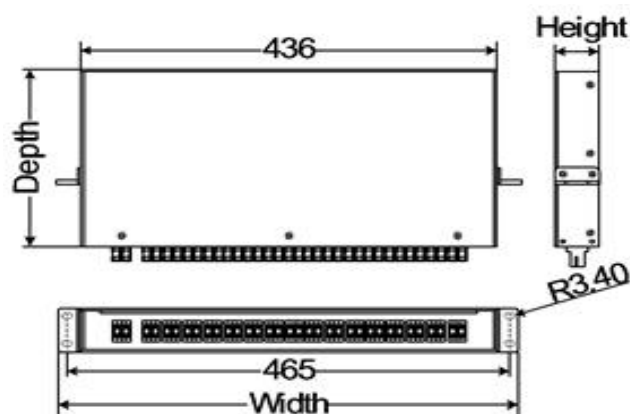


DIMENSION

I. Cassette-Type



II. Rack-Type



SPECIFICATION

Parameter	Unit	1x2	1x4	1x8	1x16	1x32	1x64	2x2	2x4	2x8	2x16	2x32
Premium Grade												
Insertion Loss(at 23°C)	Max. dB	3.7	7.0	10.4	13.5	17.0	20.0	4.2	7.5	11.0	14.3	17.5
Channel Uniformity	Max. dB	0.6	0.6	1.0	1.1	1.5	1.8	1.2	1.3	1.6	1.8	2.3
Polarization Dependent Loss	Max. dB	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
Standard Grade												
Insertion Loss(at 23°C)	Max. dB	4.0	7.4	10.8	14.0	17.4	20.4	4.5	7.9	11.4	14.7	17.9
Channel Uniformity	Max. dB	0.6	0.8	1.0	1.3	1.5	1.8	1.2	1.5	1.6	2.0	2.5
Polarization Dependent Loss	Max. dB	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4
Operating Wavelength	nm	1260 ~ 1650										
Return Loss	Min. dB	50										
Directivity	Min. dB	55										
Operating Temperature	°C	-40 ~ 85										
Storage Temperature	°C	-40 ~ 85										
Fiber Type	-	Complied to G.652 D & G.657 A										
Fiber Length	cm	Customized										
Connector Type	NA	Customized										
Package Dimension(TxWxL)	mm	Cassette-type 16 x 134 x 154 or Customized										
		Rack-type Height=1U,2U,3U,etc.,Width19" or Customized,Depth=200 or Customized										

Note 1. All measurement were done at room temperature without connectors.

2. The above spec. is under no connector. If including connector, IL, UL and PDL would increase 0.5dB, 0.2dB and 0.05dB respectively.

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