Accelight Technologies, Inc.

NxN Single Mode Splitter Modules

Product Features

- Low Insertion Loss and PDL
- Wide Operating Wavelength
- High Stability and Reliability
- Commercial & Industrial Operating Temperatures

Applications

- Excellent for FTTx, EPON
- Broadband Access Networks
- Fiber Optic Instrumentation & Test Equipment

Standards Compliance

- Telcordia GR-1221 and GR-1209
- RoHS Compliant

Performance Specifications

Parameters	Unit		Value					
Operating Wavelength	nm		1260-1650					
Test Wavelength	nm		1310/1550					
1XN Model			1X2	1X4	1X8	1X16	1X32	1X64
Insertion Loss	Max	dB	4.5	7.6	11.0	14.1	17.3	21.0
Uniformity	Max	dB	0.6	0.8	1.0	1.1	1.5	1.8
PDL	Max	dB	0.2	0.2	0.2	0.3	0.3	0.4
2XN Model			2X2	2X4	2X8	2X16	2X32	2X64

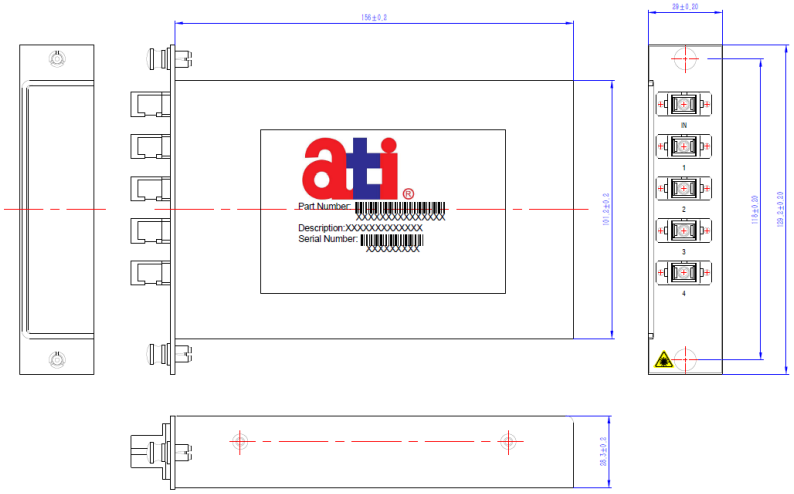
Website: www.accelight.com Email: sales@accelight.com

Insertion Loss	Max	dB	4.9	8.1	11.8	14.8	18.1	21.8
Uniformity	Max	dB	0.8	1.4	1.6	2.0	2.5	2.7
PDL	Max	dB	0.2	0.2	0.3	0.4	0.4	0.5
LGX Package			1U LGX or 2U LGX or 4U LGX					
RACK Package			19'' RACK or 2RU-Chassis					
ABS Box Module (LxWxH)	Max	mm	100×80×10	100×80×10	100×80×10	120×80×18	120×80×18	141×115×18
Adapter Type Module (LxWxH)	Max	mm	130×100×25	130×100×25	130×100×25	130×100×25 130×100×50	130×100×50	265×100×50
Return Loss	Min	dB	50					
Directivity	Min	dB	50					
Operating Humidity		%	5~95					
Fiber Type			G657 A1/A2					
Operating Temperature C Temp. (With adapter) I Temp. (Without adapter)		°C	 -20~ +65 -40~ +85					
Storage Temperature		°C	-40~ +85					
Fiber Length	Min	m	Customization					
Connector Type			Customization					
Fiber Dia.		um	Customization					

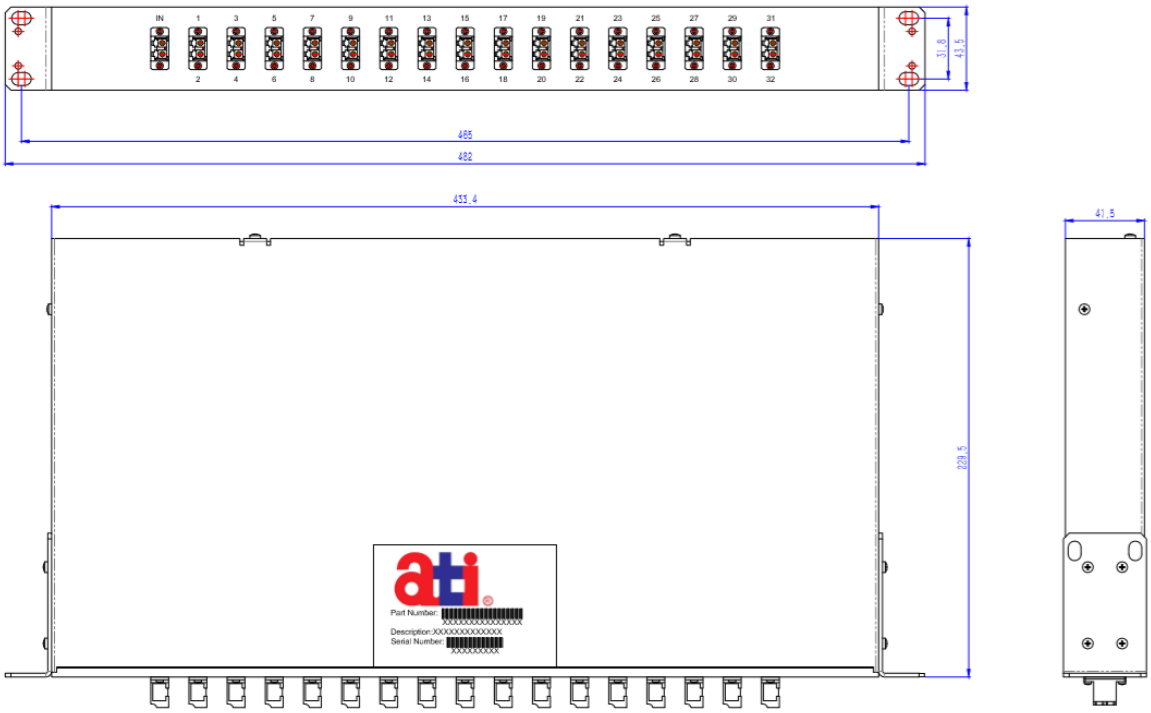
Note: 1. IL includes connector.

Mechanical Dimensions (mm)

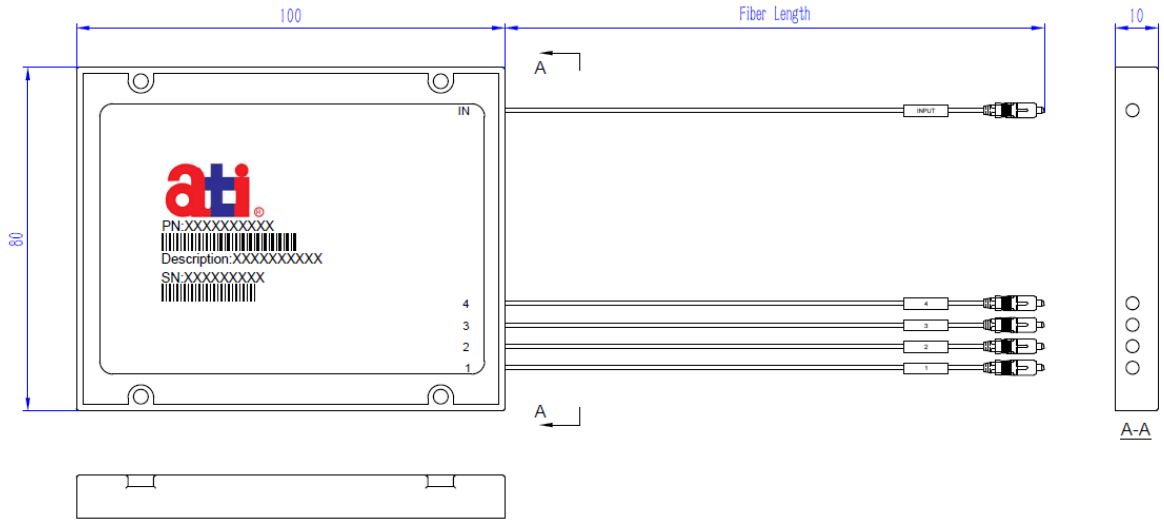
LGX Package



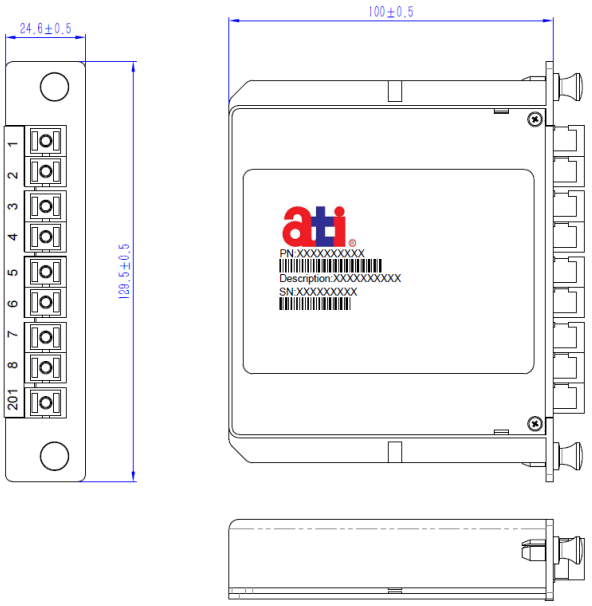
RACK Package



ABS Box Module



Adapter Type Module



Ordering Information

AAAA	BBB	CC	D	EE or EEE	F	GG
Module Type	Port	Input Fiber Dia.	Input Fiber Length	Output Fiber Dia.	Output Fiber Length	Connector Type
PLCS	102:1X2	1L: 1U LGX	1: 1m	1L: 1U LGX	1: 1m	LU:LC/UPC
	202:2X2	2L: 2U LGX	2: 2m	2L: 2U LGX	2: 2m	LA:LC/APC
	104:1X4	1R: 19'' RACK	0: LGX or RACK or Adapter Type Module	1R: 19'' RACK	0: LGX or RACK or Adapter Type Module	SU:SC/UPC
	204:2X4	2R: 23'' RACK		2RU: 2RU-Chassis		SA:SC/APC
	……	AB: ABS Box		AB: ABS Box		FU:FC/UPC
	164:1X64	AT: Adapter Type		AT: Adapter Type		FA:FC/APC
	264:2X64					00 :No Connector
