Network Modules

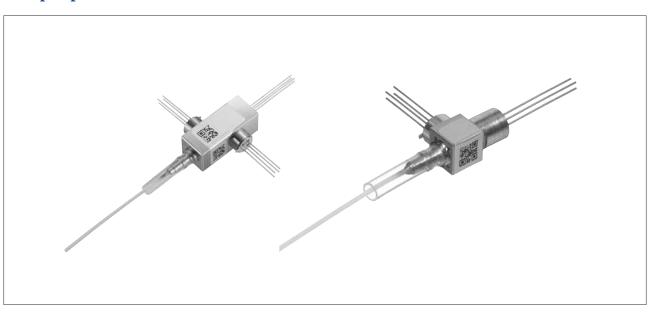
Original optical technology enables single core bidirectional modules with high output power and low crosstalk.

Aspherical Molded Glass Lenses with Metal Holder

Micro Aspherical Glass Lenses (for V-GROOVE)

Square Aspherical Glass Lenses

Network Modules



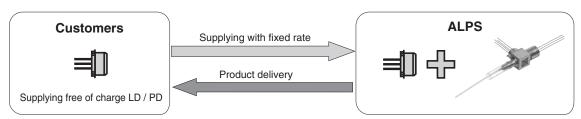
Features

- Our unique aspheric lenses enable high fiber output.
- Applies Alps optical multi-layer thin film filter.
- Unique optical technology is applied to provide low cross talk.
- Highly reliable fixing through YAG laser welding.
- Smaller space required for the substrate.

Applications

- Network access systems such as passive optical networks (PON)
- Optical line terminals(OLT) and Optical network units (ONU), etc.

Supplying LD/PD or custom adjustment when specified



General Specifications

deficial openituations			
Operating temperature	0°C to +70°C		
Storage temperature	−40°C to +85°C		
Hermeticity	Non hermetic structure		
Optical fiber	Single mode fiber		
Connector type	FC/SC/MU		

ONM specifications

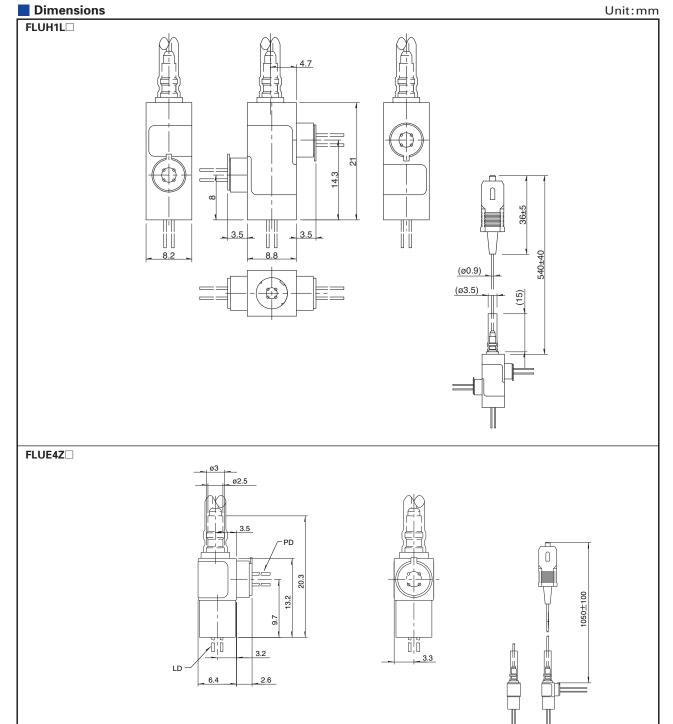
Model	Optical	Wavelength (λ)		Optical	Note	
Wiodei	(mW)			crosstalk (dB)	Note	
FLUH1L	1.3	1310	1490/1550	47	for PON-ONU Triplexer LD straight installation type	
FLUE4Z	3.0	1490 (1550)	1310	47	for GPON, GEPON-OLT LD straight installation type	

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For terms NA, LD, PD, C/G, CW, lens holder, refer to terminology on P.16

Network Modules Custom Request Sheet

Fill in the essential items and fax it to us at the number shown below. **Please understand we may not always be able to meet your request.

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Network Modules

Company		
Department		
Name		
TEL	FAX	

Network Modules Request Sheet

Other requests : other specifications etc.

Magnetic Devices Sales Dept.

FAX: 03-3726-5602

(+81-3-3726-5602)

TO: Alps Electric Co., Ltd.

	Network injudices nequest sheet						
No.	Items	Requested Specification		Standard	Selected Value		
1	LD	()	φ 5.6 LD	_		
2	PD	()	φ5.6 PD	_		
3	Tx. Rx. Wavelength	()nm	Rx ()nm	1310nm Tx/1550nm Rx 1550nm Tx/1310nm Rx	_		
4	Optical output ※1	() mW =	± () mW	2.5mW	_		
5	Responsivity ※2	()A/W =	± () A/W	0.8A/W	_		
6	Cross talk	()dB		≧47dB	_		
7	Connector type	() Connector		SC type MU type	_		
8	Fiber length	()mm =	± ()mm	1,000mm ± 100mm	1,000mm \pm 100mm 2,000mm \pm 100mm		

- *1 Values entered in "Standard" and "Selected Value" columns are optical output for a module that incorporates a LD with a rated optical output of 5 mW. In the case of a LD with a different rated optical output, the optical output of the modules will vary proportionally.
- **2 Values entered in the "Standard" column are optical reception sensitivity for ac modules that incorporates a PD with a rated optical reception sensitivity of 0.9 A/W. If the case of a PD with a different rated light reception sensitivity, the optical reception sensitivity of the modules will vary proportionally.