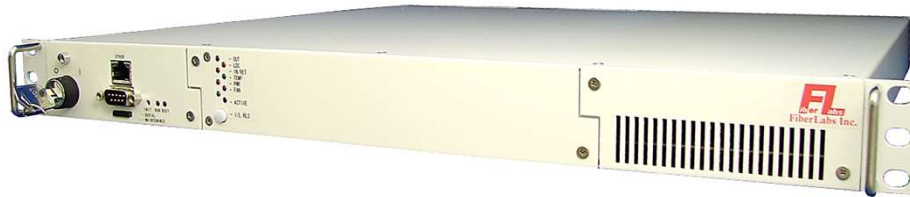


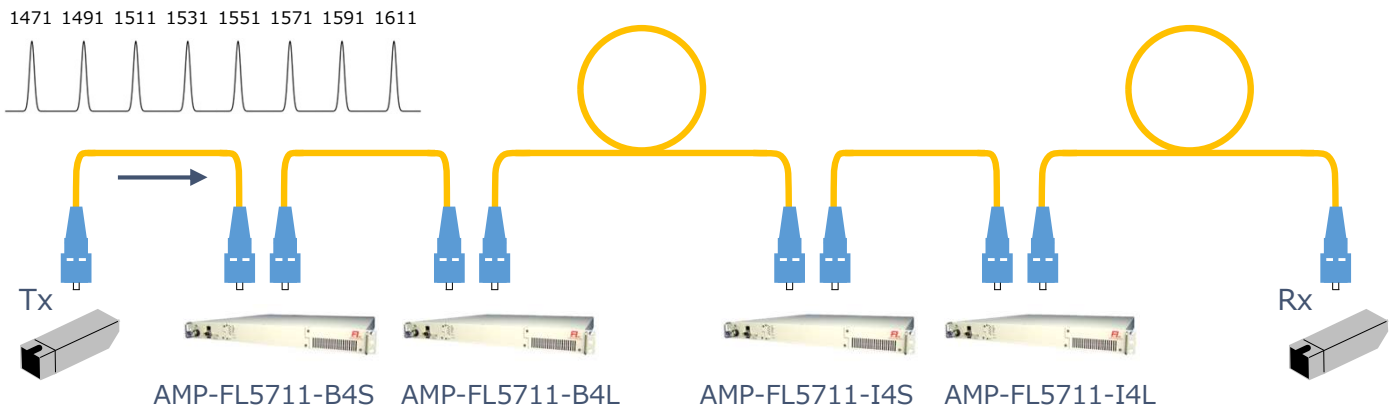


AMP-FL5711-I4L

- CWDM Optical Fiber Amplifier -



Application diagram



Features

- ❑ Designed for network application
- ❑ Amplify 8 CWDM channels simultaneously in combination with the AMP-FL5711-I4S as shown in the application diagram
- ❑ Four wavelength (1551, 1571, 1591, 1611 nm) CWDM amplifier
- ❑ Inline amplifier
- ❑ High stability
- ❑ High reliability

Applications

- ❑ CWDM transmission
- ❑ R&D

Product Number: AMP-FL5711-I4L

Optical Specifications	unit	min.	typ.	max.	note
Signal Wavelength	nm	-	1551, 1571, 1591, 1611	-	-
Signal Input Power	dBm	-40	-	10	Signal input power monitor
Signal Output Level	dBm	+0/ch	-	-	Pin: -18dBm/ch
Signal Gain	dBm	-	-	-	Pin: -30dBm @λ typ.
Noise Figure	dB	-	-	-	Pin: -30dBm @λ typ.
Working Axis	-	-	-	-	-
Polarization Extinction Ratio	dB	-	-	-	-
Input/Output Isolation	dB	40/40	-	-	Internal isolator included
Laser Class	-	3R	-	-	-
Standard Optical Connector	-	SC/PC	-	-	-
Input/Output Fiber	-	Corning SMF28e	-	-	-

Functional Specifications		note
Operating Mode	Auto Current Control	-
Monitoring Parameters	- Input signal power	-
	- Output signal power	-
	- Back-reflection from outout port	Opt.093
	- Pump LD current	-
	- Pump LD temperature	-
	- Case temperature	-
	- Power0supply-unit voltage	-
	- Fan rotation	-
Remote Control	- Relay terminal for alarm	-
	- RS232C (Non-Interactive command-line control)	-
Safety Function	- Pump shutdown with input alarm	-
	- Power reduction with back reflection alarm	Opt.093

Electric Specifications	unit	min.	typ.	max.	note
Power Consumption	W	-	30	40	-
Insulation Resistance	MΩhm	10	-	-	DC500kV, b/w PS-Case
Withstand Voltage	kV	1.5	-	-	AC, 2seconds, b/w PS-Case
Power-Supply Voltage	V	90	-	240	AC, Duplicated & Hot-swap
Fluctuation Tolerance	%	-	-	10	-
Power-Supply Frequency	Hz	50	-	60	-
Fluctuation Tolerance	%	-	-	10	-

Mechanical Specifications	unit	min.	typ.	max.	info.
Weight	kg	-	-	7	-
Dimension	mm	-	43 x 440 x 403	-	HxWxD, without protrusions, 1U compatible

Environmental Specifications	unit	min.	typ.	max.	info.
Operating Temperature	° C	0	-	40	-
Storage Temperature	° C	-10	-	60	-
Operating Humidity	%rh	5	-	80	Non-condensing
Operating Condition	-	Indoor Use	-	-	-

Other/Special Specifications

Pass through signal wavelength 1471, 1491, 1511, 1531 nm
 Pass through signal insertion loss <1.5 dB/ch

Option	
opt.011	FC/PC
opt.012	FC/Angled-PC
opt.014	SC/Angled-PC
opt.019	Other Customized Connector
opt.023	DC-48V Hot Swap Power Supply
opt.029	Other Customized Power Supply
opt.092	Ethernet Interface
	100BASE-TX / 10BASE-T / Auto-MDIX / RS232C (Interactive shell) / Telnet / Http (Web I/F) / SSH (password-auth) / SNMP (v2c) / Syslog / NTP
opt.093	Back reflection monitor, alarm & Interlock
opt.151	Front Control Panel & Display

Standard Accessory	
Power cable	: 1
Power key	: 2
Manuals	: PDF
Specification sheet	: PDF
Inspection record	: Hard copy

※ All functions, specifications and appearance are subject to change without notice.



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Revision Information

Unique : 2.1.1

Common : 2.1.1

Format : 2.1.1

TECHNICAL SPECIFICATIONS