

## Product Number: AMP-FL8610-OB-13

| Optical Specifications       |      |  |                |        |                                  |
|------------------------------|------|--|----------------|--------|----------------------------------|
|                              | unit | min.                                       | typ.           | max.   | info.                            |
| Signal Wavelength            | nm   | 1280                                       | 1310           | 1320   | -                                |
| Signal Output Level          | dBm  | -  | 13             | -      | Pin: 0dBm @λ typ.                |
| Signal Gain                  | dBm  | 15   | -              | -      | Pin: -30dBm @λ typ.              |
| Noise Figure                 | dB   | -  | -              | 7      | Pin: -30dBm @λ typ.              |
| Input/Output Isolation       | dB   | -  | -              | 40     | -                                |
| Input/Output Return-Loss     | dB   | 50   | -              | -      | -                                |
| Polarization Dependent Loss  | dB   | -  | -              | -      | -                                |
| Laser Class                  | -    | 3R   | -              | -      | -                                |
| Optical Ports                | -    | FC / PC                                    | -              | -      | -                                |
| Input/Output Fiber           | -    | Corning SMF28e                             | -              | -      | -                                |
| Functional Specifications    |      |  |                |        | info.                            |
| Operating Mode               | -    | Auto Current Control<br>Auto Light Control |                | -      | -                                |
| Monitoring Parameters        | -    | Signal input level                         |                |        | -                                |
|                              |      | Signal output level                        |                |        | -                                |
|                              |      | Back reflection at output port             |                |        | Opt.093                          |
|                              |      | Pump device drive current                  |                |        | -                                |
|                              |      | Pump device temperature                    |                |        | -                                |
|                              |      | Case temperature                           |                |        | -                                |
| Remote Control               | -    | RS-232C                                    |                |        | -                                |
|                              |      | IEEE488.1 (GP-IB)                          |                |        | -                                |
| Safety Function              | -    | Key lock switch                            |                |        | -                                |
|                              |      | Remote interlock                           |                |        | -                                |
|                              |      | Pump shutdown with input alarm             |                |        | -                                |
|                              |      | Power reduction with back refraction alarm |                |        | Opt.093                          |
| Electric Specifications      |      |  |                |        |                                  |
|                              | unit | min.                                       | typ.           | max.   | info.                            |
| Power Consumption            | W    | -  | 20             | 30     | -                                |
| Insulation Resistance        | MΩ   | 10   | -              | -      | DC500kV, b/w PS-Case             |
| Withstand Voltage            | V    | -  | -              | 1.5    | AC, 1min, b/w PS-Case            |
| Power-Supply Voltage         | V    | 80   | -              | 240    | AC                               |
| Fluctuation Tolerance        | %    | -  | -              | +/- 10 | -                                |
| Power-Supply Frequency       | Hz   | 50   | -              | 60     | -                                |
| Fluctuation Tolerance        | %    | -  | -              | +/- 10 | -                                |
| Mechanical Specifications    |      |  |                |        |                                  |
|                              | unit | min.                                       | typ.           | max.   | info.                            |
| Weight                       | kg   | -  | -              | 7      | -                                |
| Dimension                    | mm   | -  | 88 x 260 x 350 | -      | HxWxD, Not including protrusions |
| Environmental Specifications |      |  |                |        |                                  |
|                              | unit | min.                                       | typ.           | max.   | info.                            |
| Operating Temperature        |      | min.                                       | typ.           | max.   | info.                            |
| Storage Temperature          | °C   | 0  | -              | 40     | -                                |
| Operating Humidity           | °C   | -10  | -              | 60     | -                                |
| Operating Altitude           | %rh  | 0  | -              | 90     | Non-condensing                   |
| Operating Condition          | m    | -  | -              | -      | -                                |
| Regulations                  |      |  |                |        |                                  |
| Laser Safety                 |      |  |                |        |                                  |
| CE marking                   | -    | IEC60825-1:2001                            |                |        |                                  |
| LVD                          | -    |  |                |        |                                  |
| Polution Degree              | -    | EN61010-1:2001                             |                |        |                                  |
| Over-Voltage Category        | -    | II   |                |        |                                  |
| Protection Class             | -    | II   |                |        |                                  |
| EMS                          | -    | IPx0                                       |                |        |                                  |
| EMI                          | -    | EN 61326-1:2006 (Table2)                   |                |        |                                  |
| Other/Special Specifications |      |  |                |        |                                  |

## オプション

|         |  |
|---------|--|
| opt.012 | FC/Angled-PC                               |
| opt.013 | SC/PC                                      |
| opt.014 | SC/Angled-PC                               |
| opt.092 | N/A  |
| opt.093 | Back reflection monitor, alarm & Interlock |
| opt.121 | Rackmount brackets (Standard Enclosure)    |
| opt.122 | Rackmount brackets (2U Enclosure)          |
| opt.123 | N/A  |

## 標準同梱品

Power cable : 1pcs  
Power key : 2pcs  
Manuals : PDF or Booklet  
{添付品#4}  
{添付品#5}  
{添付品#6}

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### Revision Information

Unique : 001-210118  
Common : {共通仕様リビジョン}  
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