



## 1550 nm ERBIUM-YTERBIUM-DOPED FIBRE AMPLIFIER

### HEADEND



FIBRE 19" 1 RU EYDFA SINGLE PUMP SC/APC 1 INPUT WITH 8 OUTPUTS AT + 17 dBm

Product Code: DF/17ESFA1/8

FOXTTEL: PENDING



This is a cost effective EYDFA for the use in RF overlay on GPON networks. Combined with our internal or external modulation transmitters, this unit provides long life stability and reliability in commercial environments.

### FEATURES

- Single laser pump
- Module design, simple installation
- Network management system
- Redundant power supply
- On/Off switch via key
- 19" rack mounting in a 1RU space

| Specifications     |                        |                           | Unit |
|--------------------|------------------------|---------------------------|------|
| Optical Parameters | Input Level            | - 3 ... + 10              | dBm  |
|                    | Wavelength             | 1550 (1540 ... 1565)      | nm   |
|                    | Output                 | + 17 (Per Output Port)    | dBm  |
|                    | Output Stability       | $\pm 0.3$                 | dB   |
|                    | Return Loss            | $\geq 45$                 | dB   |
|                    | Noise Figure           | < 6 (Optical Input 0 dBm) | dBm  |
|                    | Interface Connectors   | SC/APC                    | -    |
| Other              | NMS Port               | RJ45 (SNMP), RS232        | -    |
|                    | Power Supply           | AC 90 V ... 265 V         | VAC  |
|                    | Consumption            | $\leq 80$                 | W    |
|                    | Operating Temperature  | 0 ... + 50                | °C   |
|                    | Storage Temperature    | - 10 + 60                 | °C   |
|                    | Humidity               | 20 ... 85                 | %    |
|                    | Weight                 | 7                         | Kg's |
|                    | Dimensions (H x W x D) | 370 x 486 x 88            | mm   |

A + 21 dBm output model is also available upon request.

Head Office: Unit D2, 3-29 Birnie Avenue, Lidcombe NSW 2141 Australia

WA Branch: Unit 1, 7 Mallaig Way, Canning Vale WA 6155 Australia

+61 1300 660 155 [www.jonsa.com.au](http://www.jonsa.com.au) [sales@jonsa.com.au](mailto:sales@jonsa.com.au)

PO Box: 6147, Silverwater NSW 1811 Australia