

# TRANSPORT CUBE

## > DWDM-Amplifier Unit

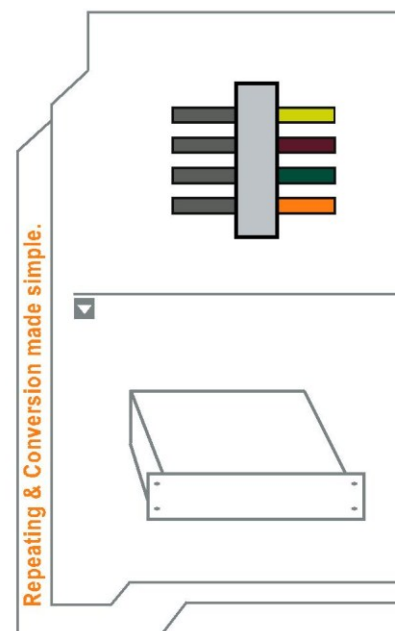
C-2486\_Rev.A

### Product Description

- EDFA Booster unit for 19" rack type installation (1HU).
- Output Power from +17dBm to +23dBm.
- Can also be used as pre-amplifier.
- Gain flattening filter for C-band DWDM applications.
- The System interoperates with any router, switch, DSLAM, SFP and GBIC, which supports the DWDM ITU G.694.1 standard.
- Common line interface (CLI) for configuration and monitoring.
- Network accessible (via IP address).
- Two hot pluggable redundant power supplies.

- Product Description: DWDM Amplifier Unit
- Product Code: C-2486
- Operation Mode: -X (choose from table below)
- Booster Output Power: -YY (choose from table below)
- Electrical Power: -Z (choose from table below)
- Revision Level: -Rev.A

Example Order Code: C-2486-G-17-A-Rev.A for a DWDM Booster with AGC (average gain control), 17dBm output power and AC power supplies.



(X) Operation Mode	Code
APC (Automatic Power Control)	P
AGC (Automatic Gain Control)	G

(YY) Booster Output Power [dBm]	Code
17	17
20	20
22	22
23	23

(Z) Electrical Power	Code
100 to 240 VAC	A
-48 VDC	D

### Revision History

No.	Description	Date	Created by
A	Initial release	08.08.11	Carsten Marheine

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#### General Specifications

Operating Temperature	+0 °C to +50 °C	
Storage Temperature	-40 °C to +85 °C	
Relative Humidity	10% to 95%	
Fiber Type	SMF-28 compatible	Ø 9 / 125 / 250 µm
Optical Adapters	SC/UPC	
Electrical Power	Depending on order code (100 to 240 VAC or -48 VDC)	
Electrical Power Consumption	Depending on optical output power	
Interfaces	RS232 and RJ45/UTP	

#### Optical Performance

Operating Wavelength Range	1528 to 1563 nm	
Saturated Output Power	Defined by order code (from 17 dBm to 23 dBm)	
Small Signal Gain	25 dB	
Minimum Optical Input Power	-25 dB	
Noise Figure	< 5.0 dB	
Gain Flatness	1 dB	
Channel Gain Variation	-0.5 ... +0.5 dB	
Return Loss	< -40 dB	



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### Package Dimensions

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#### Layout and dimensions

- Width: 483 mm (19")
- Height: 43.5 mm (1.732") / 1HU
- Depth: 375 mm (14,7")

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