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## 8-output YEDFA optical amplifier, 1RU rack 19" 1550 nm, Po 20 dBm

This device consists of an amplifier and a double power supply. It amplifies a 1550nm optical signal with an output power of 20 dBm in 8 optical outputs, suitable for video distribution in large size splitting optical networks. Based on YEDFA (Erbium doped fiber) technology, it provides a high gain, a higher optical power and a low noise factor.

**Ref.769623**

**Art.Nr**

OV1U208

**EAN13**

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### Highlights

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- High-optical output power amplifier
- Application to distribute RF Overlay in optical networks
- -10 dBm to +10 dBm input range
- Status LED indicators
- High-efficiency power supply
- Hot swappable double power supply: subscriber service is not interrupted

### Main features

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- 1RU for rack 19"
- Extended range (99-253 VAC) power supply
- Suitable for medium/large size optical networks
- SC/APC optical connectors

## Technical specifications

<b>Number of input optical ports RF Overlay</b>		1
<b>Number of output optical ports</b>		8
<b>Wavelength (@RF Overlay)</b>	nm	1540 ... 1560
<b>Optical input power RF Overlay Min</b>	dBm	-10
<b>Optical input power RF Overlay Max</b>	dBm	10
<b>Optical output power RF Overlay</b>	dBm	20
<b>Noise figure Max</b>	dB	5.5
<b>Optical return losses</b>	dB	-40
<b>C/N</b>	dB	51
<b>CSO Max</b>	dB	-65
<b>CTB Max</b>	dB	-65
<b>Optical connectors</b>		SC/APC
<b>Protection index (IP)</b>		20
<b>Operating temperature</b>	°C	-5 ... 45
<b>Mains frequency</b>		50 Hz / 60 Hz
<b>PSU input voltage</b>	Vac	110 ... 230
<b>Max PSU current input</b>	mA	350
<b>PSU input power Max</b>	W	20.5

\* Measurements made with: external modulator transmitter, 40km fiber, optical input power to the receiver of -0.6dBm