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8-output EDFA optical amplifier, 1RU rack 19"

1550 nm, Po 10 dBm

This device consists of an amplifier and a double power supply. It amplifies a 1550nm optical signal with an output power of 10 dBm in 8 optical outputs, suitable for video distribution in medium size splitting optical networks. Based on EDFA (Erbium doped fiber) technology, it provides a high gain and a low noise factor.

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Art.Nr

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Highlights

- 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

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

Technical specifications

OPTICAL	Number of ports		1 RF Overlay @Optical IN 8 RF Overlay @Optical OUT
	Wavelength	nm	1530...1565
	Input RF Overlay	dBm	-10...+10
	Output power RF Overlay	dB	8 x 10
	Noise figure	dB	5
	Insertion loss (1310nm & 1490nm)	dB	-
	Return loss	dB	>40
	C/N / CSO / CTB	dB	51 / >65 / >65
	Input/output optical connectors		SC/APC
PSU	Mains voltage	VAC	110-230
	Mains frequency	Hz	50-60
	Max. input consumption	mA	110
	Maximum input power	W	5.5
GENERAL	Operating temperature	°C	-5...+45
	Protection index	IP	20