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1-output EDFA 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 an optical output, suitable for video distribution in medium size splitting optical networks. Based on EDFA (Erbium doped fiber) technology, it provides a high gain, a higher optical power and a low noise factor.

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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 1 RF Overlay @Optical OUT
	Wavelength	nm	1530...1565
	Input RF Overlay	dBm	-10...+10
	Output power RF Overlay	dB	1 x 20
	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