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## 1-output EDFA optical amplifier

1550 nm, Po 20 dBm

The module amplifies the 1550 nm optical signal producing an optical output power of 20 dBm. Based on EDFA (erbium doped fiber) technology, it provides a high gain and a low noise factor.

Ref.234220

Art.Nr

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### Highlights

- -3 dBm to +10 dBm input range
- Status LED indicators

### Main features

- Optical amplification for the RF service over fiber (RF Overlay)
- Suitable for long distances
- SC/APC connectors

## Technical specifications

Optical bandwidth	nm	1550 ±15
Input optical power	dBm	-3 ... +10
Output optical power	dBm	20 ±0.8
Noise figure	dB	< 5
Return losses	dB	> 50
C/N	dB	> 53
CSO - CENELEC 42 CH	dBc	> 61
CTB - CENELEC 42 CH	dBc	> 61
Powering	V=	24 ±5%
Max. current consumpt	mA	300 @24V=
Optical connectors	Type	SC/APC
Operating temperature	°C °F	-5 ... +45 +23 ... +113
Protection index	IP	20