

## EDFA 4 WDM

### Optical amplifiers

4 22dB EDFA optical amplifier with integrated WDM diplexer.



### Technical Chars

- EDFA amplifier (Erbium Doped Fibre Amplifier) with **high output power**.
- High input dynamics: optical -8 to +10dBm.
- **Built-in WDM multiplexer** to mix the PON outputs from the OLTs.

EDFA 4 WDM		
Code		287554
Connector type		5 x SC/APC (TV IN at 1550nm and OUT 1550/1490/1310nm)4x SC/PC (OLT IN mixing at 1310/1490nm)
Wavelength	nm	1.540 to 1.565
Optical input power	dBm	-5 to +10
Optical power	dBm	29 (4 x 22)
Optical power adj	dB	0 to -4 (from maximum)
Optical power stability	dBm	± 0.3
Optical noise figure	dB	≤ 6
Optical return loss	dB	45
Specifications		
Power supply voltage	Vdc/A	100-240 / 50-60
Current consumption	W	≤ 80
Operating temperature	°C	0 to +55
Storage temperature	°C	-30 to +70
Relative humidity	%	up to 95 (without condensation)

Dimensions and packaging		
Packing		Single
Pieces		1
EAN code		8016978103928
Packaging dimensions	mm	600 x 540 x 120
Product dimensions	mm	370 x 486 x 44
Packaging weight	Kg	9.85
Weight	Kg	6.5