

EDFA 8 WDM

Optical amplifiers

8 20dB 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 8 WDM		
Code		287553
Connector type		9 x SC/APC (TV IN at 1550nm and OUT 1550/1490/1310nm) 8 x SC/PC (OLT IN mixing at 1310/1490nm)
Optical input power	dBm	-8 to +10
Optical power	dBm	30 (8 x 20)
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		8016978103911
Packaging dimensions	mm	575 x 575 x 190
Product dimensions	mm	422 x 486 x 88
Packaging weight	Kg	15
Weight	Kg	11.5