OFVS 3217-01 Optical Fibre Amplifier with Wavelength-Division Multiplexing (WDM)



- ✔ For distribution of CATV and GPON in FTTH-RF-Overlay Networks
- ✔ 17 dBm output level
- ✔ One input for RF overlay (SC/APC)
- ✔ 32 GPON inputs (LC/UPC)
- ✔ 32 GPON + RFoG outputs (LC/APC)
- ✔ WDM 1310 nm | 1490 nm | 1550 nm
- ✔ 19" housing, 2 RU
- ✔ Redundant power supply units (100 … 240 VAC)

Order information

Type	OFVS 3217-01
Order no.	OFVS321701
GTIN	7611682400601
PE	1
VE	1
EU customs tariff number	

Technical data

PON	
Number	32 @ input 32 @ output
Connector type	LC/UPC @ input LC/APC @ output
Insertion loss	< 0,8 dB
Wavelength	1260 … 1360 | 1480 … 1500
RFoG	
Wavelength	1545 … 1565 nm
Input level	–10 … 10 dBm
Connector Input	SC/APC
Return loss	>50 dB
Ausgangsleistungs-Testport	–3 … –1 dBm
Output level	+17 dBm
Output power adjustable range	3 dB
Output optical power stability	±0,5 dB
Noise figure	<6 dB
Polarization sensitivity	<0,2 dB
Input and output pump light leakage	< –30 dBm
Input reverse noise power	< –30 dBm
Interfaces	
Ethernet connectors	1 × RJ 45
Ethernet standards	IEEE 802.3, 100/1000BASE-T
Serial	RS 232
Supported configuration protocols	HTTP
General	
Operating temperature range	–5 … 45° C
Operating voltage	100 … 240 VAC/50 … 60 Hz
Switching power supply	100 … 240 VAC/50 … 60 Hz
Power consumption	85 W
Dimensions (W × H × D) appr.	480 × 88 × 403 mm

Example of use

