

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/PC)
- ✓ 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	0
EU customs tariff number	

Technical data

PON	
Number	32 @ input 32 @ output
Connector type	LC/PC @ 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
Output level	+17 dBm
Power monitoring port	-3 ... -1 dBm
Output power adjustable range	3 dB
Output optical power stability	±0.5 dB
Noise Figure	<6 dB
Polarization sensitivity	<0.2 dB
Polarization mode dispersion	<0.3 ps
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

