

HDO726 OPTICAL FIBRE AMPLIFIER



HDO726 is a high performance fibre amplifier for 1550 nm fibre optic CATV link.

Features

- Four +19 dBm outputs
- Low noise figure

Management features

- Pump status monitoring
- Optical input power monitoring
- Optical output power monitoring
- Pump temperature monitoring
- Pump bias current monitoring
- Fibre amplifier module temperature monitoring
- Pump bias current adjustment
- Pump laser on/ off selection
- Remote control and management by industry standard SNMP

Technical specifications

Parameter	Specification	Note
Wavelength range	1540...1560 nm	
Saturation output power	+19 dBm	1
Optical input power range	-5...+10 dBm	
Noise figure	<5 dB	2
Number of optical outputs	4	
General		
Power consumption	<30 W	
Supply voltages	230 V / 130 mA	
Connectors	See note	3
Dimensions	1U x 19"	4
Weight	5.0 kg	
Enclosure classification	IP21	
Operating temperature range	0...+50 °C	
Storage temperature range	-25...+65 °C	
EMC compatibility	EN 50083-2	
Optical safety	IEC 60825	5

Notes

- 1) Nominal value.
- 2) Typical value at 0 dBm input power.
- 3) The connector can be specified by a customer. Available connector types are: FC/APC and SC/APC.
- 4) 43,5 x 434 x 260 mm (h x w x d).
- 5) IEC 60825-1, Safety of laser products - Part 1: Equipment classification, requirements and user's guide
IEC 60825-2, Safety of laser products - Part 2: Safety of optical fibre communications systems