Optical amplification equipment
Modular optical amplifiers

- C-band booster amplification
- low noise, high output, high reliability
- Web interface and SNMP monitoring
- automatic shutdown on low input
- easy changeable integrated fan
- DIN rail or wall mounting
- robust die-cast housing
- connectors:
  LAN connector - RJ-45
  screw terminal block for DC entry



Technical specifications

TYPE	OAD512*	OAD514*	OAD518*
Ordering number	see ordering information*		
Operating wavelength	1528-1564 nm		
Input power	-3...+10 dBm		
Number of outputs	2	4	8
Power per output	16 dBm	13 dBm	10 dBm
Noise figure	5 dB max.		
Optical return loss	min. 50 dB		
Status indication	LAN & LED		
Supply voltage	12 V ± 1 V		
Current consumption	1.2 A max.		
Operating temperature range	10 ÷ + 35 °C		
Dimensions/Weight (packed)	65x198x124.5 mm/1.64 kg		65x198x124.5 mm/1.7 kg

* ordering information:

Type	Connector IN&OUT	Ordering number
OAD512 E	FC/UPC	03894
OAD514 E	FC/UPC	03895
OAD518 E	FC/UPC	03896
OAD514 F	FC/APC	03866
OAD518 F	FC/APC	03865
OAD512 H	SC/APC	03897
OAD514 H	SC/APC	03898

Remotely monitored parameters:

- optical input power
- optical output power
- supply voltage
- pump laser current
- internal temperature
- fan speed
- alarms information
- diagnostic information

Remotely controlled parameters:

- switching pump laser On/Off
- all alarms limits