



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:
 - optical - FC/APC
 - LAN connector - RJ-45
 - screw terminal block for DC entry



Technical specifications

T Y P E	OAD514	OAD518
Ordering number	03866	03865
Operating wavelength	1528-1564 nm	
Input power	-3... + 10 dBm	
Number of outputs	4	8
Power per output	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

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