

# AOS-OC12-124

## Active optical splitter



Actively Splits  
ATM/SONET OC-12  
signals

*AOS-OC12-124* is a 4 - stream 1:2 active optical splitter.

Optical ATM/SONET OC-12 input signals are split without degradation into 2 duplicate optical ATM/SONET OC-12 output signals.

The unit supports splitting of 4 independent streams of OC-12 signals.

*AOS-OC12-124* comes with SC connectors fitted as standard. An LVDS output is also optionally available (specify when ordering).

*AOS-OC12-124* is suitable for multimode fibre SONET OC-12 (SDH STM-4) physical layers of ATM and other services.

## Specifications | *AOS-OC12-124*

### Front Panel Indicators

- Power
- Signal detection

### Signal Connections

#### Input and output

1300 nm receivers and transmitters mounted in industry standard SC connectors.

### Signal Power

- Output Optical Power: -17 dBm avg
- Input Optical Power: -29 dBm avg.

### Jitter

- Maximum systematic Jitter contributed by the transmitter: 230 ps p-p
- Maximum random jitter contributed by the transmitter: 100 ps p-p

Maximum systematic Jitter contributed by the receiver: 300 ps p-p

Maximum random jitter contributed by the receiver: 480 ps p-p

### Power

85V –264V, 47Hz - 63Hz, universal input

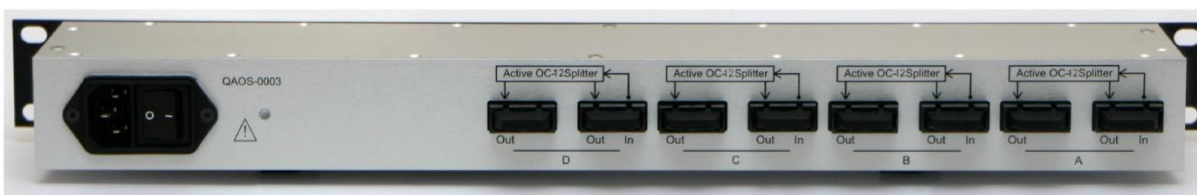
### Physical

- 1U rack or desk mount case
- Height: 44 mm
- Width: 483 mm
- Depth: 320 mm (excluding mating connectors)
- Weight: 2.0 kg

### Options

LVDS output

### Rear Panel



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