

AOS-OC3-124

Active optical splitter



Actively Splits
ATM/SONET OC-3
signals

AOS-OC3-124 is a 4 - stream 1:2 active optical splitter.

Optical ATM/SONET OC-3 input signals are split without degradation into 2 duplicate optical ATM/SONET OC-3 output signals.

The unit supports splitting of 4 independent streams of OC-3 signals.

AOS-OC3-124 comes with SC connectors fitted as standard. ST connectors are available as an alternative (specify when ordering). An LVDS output is also optionally available.

AOS-OC3-124 is suitable for multimode fibre SONET OC-3 (SDH STM-1) physical layers of ATM and other services.

Specifications | *AOS-OC3-124*

Front Panel Indicators

Power
Signal detection

Rear Panel Indicators

Signal detection

Signal Connections

Input and output

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

Signal Power

Output Optical Power: -19 dBm avg
Input Optical Power: -30 dBm avg.

Jitter

Maximum systematic Jitter contributed by the transmitter: 1.2 ns p-p

Maximum random jitter contributed by the transmitter: 0.69ns p-p

Maximum systematic Jitter contributed by the receiver: 1.2 ns p-p

Maximum random jitter contributed by the receiver: 1.91ns p-p

Power

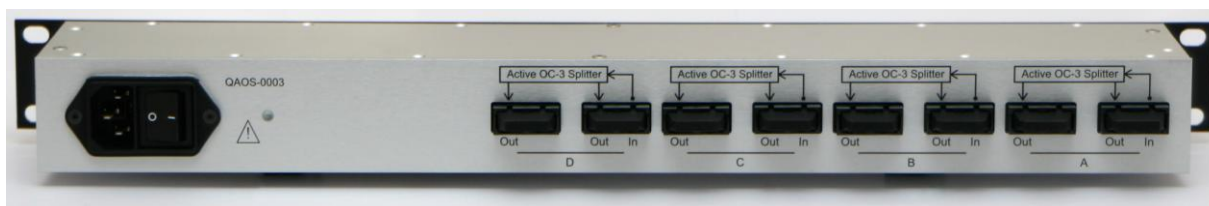
85V –264V, 47Hz - 63Hz, universal input

Physical

1U rack or desk mount case
Height: 44 mm
Width: 483 mm
Depth: 320 mm (excluding mating connectors)
Weight: 2.2 kg

Options

ST connectors
LVDS output



Rear Panel

somerdata

1 Riverside Business Park
St. Annes Road
Bristol
BS4 4ED

Phone: +44 (0)1179 634050
Fax: +44 (0)1173 302929
E-mail: sales@somerdata.com
Website: www.somerdata.com