

Optical switch

1 x 2 optical switch for redundant optical fiber transmissions

10420103
OSW-2



- Extremely short switching time
- Transmission of very high optical powers
- Advanced 32 bit processor for punctual and accurate monitoring of input power, reliable control of switch status and setup of automatic or manual switch mode
- Switches automatically when optical signal has a fault
- System parameters setting by front panel keypad or serial interface (RS 232)
- SNMP network management functionality via RJ 45 interface
- 2 power supplies with each 50 % load sharing, in case one power supply fails the second takes over 100 %
- Built-in blue screen 160 x 32 dot matrix LCD monitor
- SC/APC connectors at the front side
- Dimensions: 19"/1 RU (483 x 285 x 44 mm (W x D x H))
- Weight: approx. 2,0 kg

Parameter	OSW-2
Operating wavelength [nm]	1200 ... 1620
Max. optical input power [dBm]	27
Through loss [dB]	≤ 1,3 (tested at 1310, 1490, 1550 nm)
Return loss output [dB]	> 55
Optical return loss [dB]	> 55
Optical input power ranges [dBm]	-15 ... +24
Max. switching life (MTBF)	≥ 10.000.000
Optical connectors	SC/APC
Supply voltage [VAC]	2 x 160 – 250/50 Hz (each 50 % load sharing)
Power consumption [W]	≤ 2
Operating temperature range [°C]	-5 ... +55
Storage temperature range [°C]	30 ... +70
Order No.	10420103

