

Optical switch 1xN

Description

The Optical switch 1xN is a compact and low-cost device which provides easy setup and extension of the measurement network. The optical switch has 1 input channel and N output channels. The switch is software controlled using RS 232 connection.

The Optical switch 1xN product family was specifically designed to meet the diverse needs and challenging requirements of the fibre optic sensor community. The speed, low loss budget and repeatability make it excellent for optical sensing applications.



Features

- 8 or 16 optical channels
- Fast switching time
- RS 232 connector
- 110/230 VAC powered
- Telcordia GR 1037

Standard specifications

Parameter	Value
Wavelength range	1260 nm – 1620
Number of optical channels	8 or 16
IL normal (premium)	<1.3 dB (<1)
Switching time	2 ms
Switching frequency	50 Hz
Operating Temperature	0 °C to 45 °C
Operating Humidity	0 % to 80 %, non-
Storage Temperature	-10 °C to 60 °C
Storage humidity	0 % to 95 %, non-
Power Supply	110 V/230 V
Optical Connector	FC/APC
Communication Standard	RS232
Lifetime	> 3E8 cycles
Dimensions	260 mm x 230 mm

Ordering information

O	S	1	x	N	<table border="1"> <thead> <tr> <th colspan="2">Number of channels</th> </tr> <tr> <th colspan="2">Standard:</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>1x8 Switch</td> </tr> <tr> <td>16</td> <td>1x16 Switch</td> </tr> </tbody> </table>	Number of channels		Standard:		8	1x8 Switch	16	1x16 Switch
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