

FOS212-19

Optical Switch



Application

- ▶ Redundancy switching between two inputs
- ▶ RS485 management interface supporting several EMS systems

Features

- ▶ Independent level control of both inputs
- ▶ Sensor and LED signalling for the switch position
- ▶ Automatic, remote and manual operation
- ▶ "Red-yellow-green"-LED's for signal quality and module function
- ▶ Very thin, only 1 RU design for mounting into 19", ETSI or JIS racks

Types

Typical Performance Data	Unit	FOS212-19"	Notes
Wavelength range	[nm]	1540 ... 1570	
Nominal opt. input power	[dBm]	-8 ... +12	max. +22
Through loss	[dB]	< 1	without connector loss
Return loss	[dB]	> 45	
Isolation of inputs	[dB]	80	
Expected switch cycles		10 ⁷	± 1.0 dB
Optical connectors		E2000 or SC/APC	
Power supply	[VDC]	Dual 100...240V AC	
Power consumption	[W]	0.4	
Operational temperature range	[°C]	0 to 40	

Ordering Information

FOS212-19	E2000/SC-APC	FOS212-19
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