

BOS212

OPTICAL SWITCH

Application

- ▶ Redundancy switching between two inputs
- ▶ Operated on a subrack BBT001 or BBT003
- ▶ 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
- ▶ Power supply and management via BK-bus
- ▶ "Red-yellow-green"-LED's for signal quality and module function
- ▶ Very thin design, only 1 U



Types

BOS212

Typical Performance Data	Unit		Notes
Wavelength range	[nm]	1540 ... 1570	
Nominal opt. input power	[dBm]	-8 ... +12	max. +17
Through loss	[dB]	< 1	without connector loss
Return loss	[dB]	> 45	
Isolation of inputs	[dB]	80	
Expected switch cycles		107	± 1.0 dB
Optical connector		E2000	
Optical input		adaptors	
Optical output		adaptor	
Power supply	[VDC]	24	via BK-bus
Power consumption	[W]	0.3	
Operational temperature range	[°C]	0 to 40	

Ordering Information

BOS212	E2000/SC-APC	BK-BOS212
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