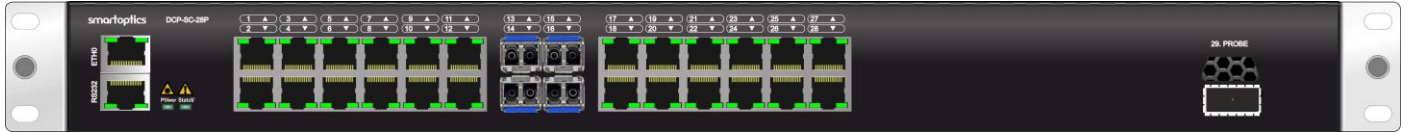


DCP-SC-28P

Shelf controller for ROADMs networks with DCP-R

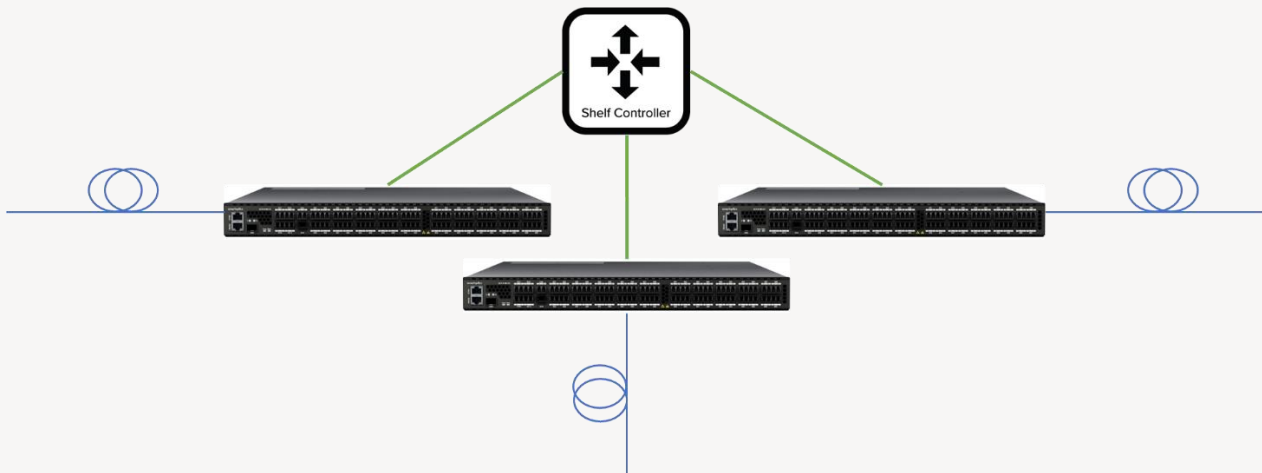


AN OPEN LINE SYSTEM PLATFORM DESIGNED FOR FLEXIBLE NETWORKS

For networks where wavelength manageability, capacity and reliability are at a premium, the Smartoptics DCP-R family of multi-degree ROADMs is the optimal choice. The hardware in a ROADM node consists of DCP-R unit(s) and the shelf controller. The shelf controller manages the DCP-R units and acts as the interface towards the management system.

DCP-SC-28P IN SHORT

- Enables all ROADMs in a node to be managed under one IP-address.
- Provides IP-routing for failover management. (OSPF)
- Enhances performance by off-loading the embedded software on the ROADM elements.
- Allows for management of transponder chassis or external equipment via in-band management.
- AC or DC power options



ORDERING INFORMATION

DCP-M Series product codes	
DCP-SC-28P	Shelf controller, 24x1G+4x10G, QDD-probe
DCP-2-PSU-AC-FB	AC power supply for DCP platform, Front-to-Back airflow
DCP-2-PSU-DC-FB	DC power supply for DCP platform, Front-to-Back airflow
Spares	
DCP-FAN-01	Fan module for fan frame, front to back airflow

TECHNICAL SPECIFICATIONS

PRODUCT CONFIGURATION

1RU shelf controller

FRONT SIDE CONNECTIONS

24 x 1G ETH LAN ports
 4 x 10G SFP+ ports
 1 x QSFP-DD port
 1 x 1G ETH0 for local DCN connection
 1 x RS232 console port

POWER SUPPLY

AC version: Single/dual feeding.
 DC version: Single feeding.

MANAGEMENT

CLI, SSH, SNMPv2c, SNMPv3, NetConf
 NTP, SFTP, RADIUS, TACACS+

SOFTWARE UPGRADES

Traffic hitless software upgrades

DIMENSIONS

Size (WxDxH)
 440mm x 505mm x 1RU
 Weight 7,3kg (with 2 AC PSU)

POWER CONSUMPTION

Typical consumption: 34W without QSFP-DD
 Max consumption: <61W without QSFP-DD

AC Fuse: 100-127 VAC (3A)
 200-240 VAC (1.5A)

DC Fuse: --40 to -72 VDC (7A)

ENVIRONMENTAL

Operating temp: -20° C to +60° C
 Cooling: Front to back
 Humidity: 5% to 85%
 Altitude: 3000 m (10.000 ft.)

NOTE. THE INFORMATION IN THIS DOCUMENT IS VALID FROM
 RELEASE R11.0.2