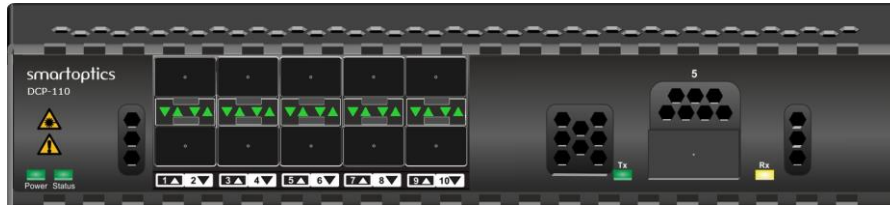


DCP-110

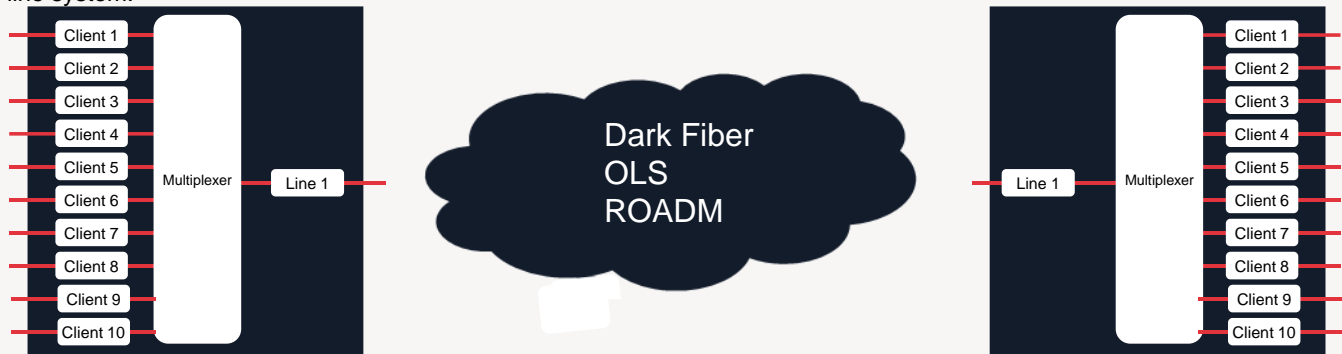
10 x 10G to 100G Muxponder



A MUXPONDER FOR 10G AGGREGATION TO 100G

The DCP-110 offers a cost efficient solution for L1 aggregation of 10GbE to 100G. For the line side it is possible to use grey 100G QSFP28 or coherent DWDM 100G QSFP-DD. The client side can use a flexible range of SFP+ client types for 10GbE.

When QSFP-DD is used on the line side the DCP-110 will use a coherent DWDM signal that can be directly connected to a DWDM line system.



DCP-110 IN SHORT

- Layer 1 Muxponder for DCP-2 chassis
- Support for 10 x 10G SFP+ for client signals
- Support for a flexible range of 10G SFP+ clients (SR, LR, ER, ZR, etc.)
- Support for grey QSFP28 LR4 on line side
- Support for coherent 100G DWDM QSFP-DD.
- Low power consumption
- Low latency Design

ORDERING INFORMATION

DCP Series product codes

DCP-110

10 x 10G to 100G Muxponder, 1RU plug-in unit, Client port: 10xSFP+, Line port: 1xQSFP-DD

TECHNICAL SPECIFICATIONS

PRODUCT CONFIGURATION

10 x 10GbE Muxponder, 100G Line, QSFP28 or QSFP-DD

10G SFP+ CLIENT INTERFACES:

10G SR SFP+
10G LR SFP+
10G ER4 SFP+
10G ZR4 SFP+

QSFP28 LINE INTERFACES:

100G LR4 QSFP28

QSFP-DD LINE INTERFACES:

100G ZR+ QSFP-DD

VISUAL INDICATORS

Status LED Power & Alarm status
Client LED: 10 x individual client Tx/Rx
Line LED: 1 x individual line Tx/Rx

MANAGEMENT

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

SOFTWARE UPGRADES

Traffic hitless software upgrades

SW FEATURES

Client In-loop and Client Out-loop
Link Loss Forwarding
Performance Monitoring

DIMENSIONS

Size (WxDxH)
1.73 x 8.07 x 10.63"
44 x 205 x 270mm
Weight: 1.8 Kg / 4 lbs

POWER CONSUMPTION

Typical consumption at 220VAC:
Normal operation: TBD W
Max during power up: TBD W

LATENCY

Max TBD μ s for the QSFP-DD
Max TBD μ s for the card

ENVIRONMENTAL

Operating temp: 0°C to +45°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 R9.0