

## DATASHEET

# DCP-110

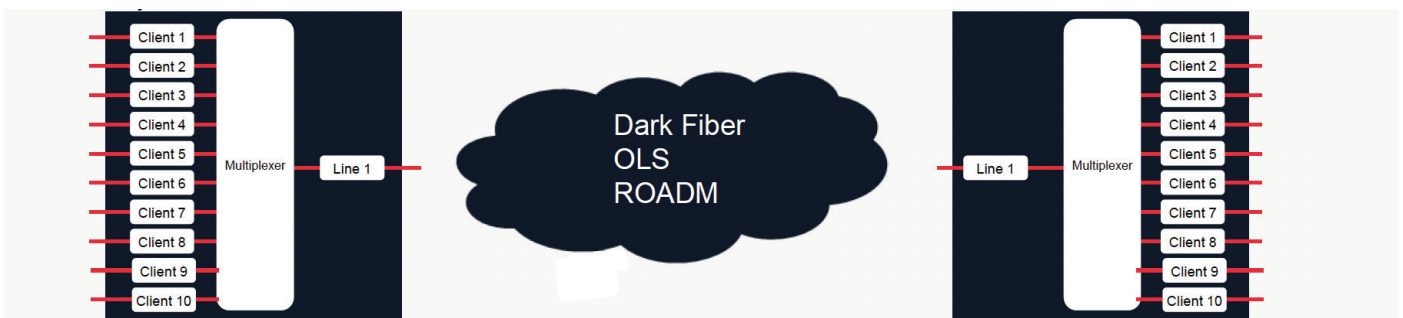
10 x 10G to 100G Muxponder



## 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

<b>PRODUCT CONFIGURATION</b>	10 x 10GbE Muxponder, 100G Line, QSFP28 or QSFP-DD
<b>10G SFP+ CLIENT INTERFACES</b>	10G SR SFP+ 10G LR SFP+ 10G ER4 SFP+ 10G ZR4 SFP+
<b>QSFP28 LINE INTERFACES</b>	100G LR4 QSFP28
<b>QSFP-DD LINE INTERFACES</b>	100G ZR+ QSFP-DD
<b>VISUAL INDICATORS</b>	Status LED Power & Alarm status <b>Client LED:</b> 10 x individual client Tx/Rx <b>Line LED:</b> 1 x individual line Tx/Rx
<b>MANAGEMENT</b>	CLI, SSH, SNMPv2c, SNMPv3 NTP, SFTP, Syslog, RADIUS, TACACS+
<b>SOFTWARE UPGRADES</b>	Traffic hitless software upgrades
<b>SW FEATURES</b>	Client In-loop and Client Out-loop Link Loss Forwarding Performance Monitoring
<b>DIMENSIONS</b>	Size (WxDxH) 1.73 x 8.07 x 10.63" 44 x 205 x 270mm <b>Weight:</b> 1.8 Kg / 4 lbs
<b>POWER CONSUMPTION</b>	Typical consumption at 220VAC: <b>Normal operation:</b> TBD W <b>Max during power up:</b> TBD W
<b>LATENCY</b>	Max TBD $\mu$ s for the QSFP-DD Max TBD $\mu$ s for the card
<b>ENVIRONMENTAL</b>	<b>Operating temp:</b> 0°C to +45°C <b>Cooling:</b> Front to back <b>Humidity:</b> 5% to 85% <b>Altitude:</b> 3000 m (10.000 ft)

\*\* The information in this document is valid from release R9.0