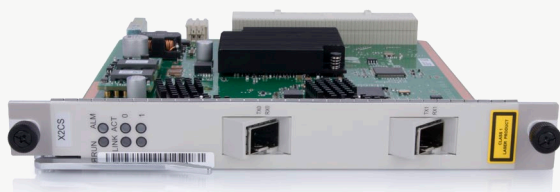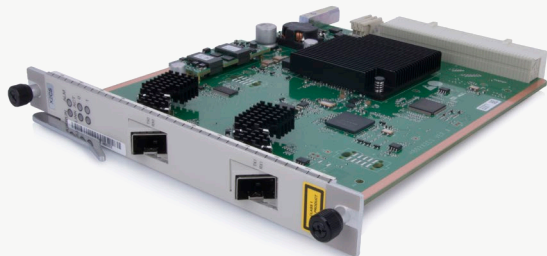PASSIVE OPTICAL NETWORKS
OLT X2CS 2x10G UPLINK CARD
X2CS-SUB-2XSFP+

OLT X2CS 2x10G Uplink Card - High quality, 2-port 10GE Uplink Interface Card that provides two 10GE upstream or cascading optical ports. The X2CS board supports the following functions:
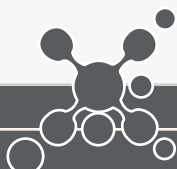
• 2 10GE upstream ports

• 10GE synchronization Ethernet

• Intra-board aggregation and Inter-board aggregation

FEATURES:

• 2-port 10GE Optical Interface Card

• 10GE optical module type: One-channel two-fibre bi-directional 10GE optical modules

• Port Rate: 10Gbit/s

• Supports SyncE.

• Optical Connector Type: LC

BASIC PRINCIPLE OF OPERATION:

• The control module reports the status of and manufacturing information about the board, and provides the interface information. The control module also manages the modules on the board, and processes alarms.

• The interface module provides two 10GE ports.

• The synchronization Ethernet clock module extracts clock signals from the 10GE signals, and synchronizes the 8kHz clock of the control board with the clock signals.

• The power module supplies power to other functional modules of the board.

• The clock module provides clock signals for other functional modules of the board.

CARD SPECIFICATION	
Model	X2CS
Port	2 10GE Uplink Ports
Pluggable Module	SFP+ Module
Corresponding Control Board	SCUF/SCUN/SCUL/SCUH
Dimensions (W x D x H) [mm]	25.4 x 237.0 x 197.2
Power Consumption [W]	Static: 17.6, Maximum: 18
Maximum Frame Size	2052 bytes. After the jumbo frame function is enabled, a maximum of 9216 bytes can be supported.
Operating temperature [°C]	-25° to +65
Clock Feature	10GE synchronous Ethernet

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