

25G-8OPTS2-IB-LC, -SC, -ST, -NT

4K Singlemode Optical Input Board

Part No: 9122 0049 (NT), 9122 0051 (ST), 9122 0050 (LC), 9122 0052 (SC)

Features

- Resolutions up to 4K / UHD (30Hz YCbCr 4:2:2)
- Up to 10km extension distance
- Video and audio transmission
- Ethernet, USB KVM, RS-232, IR, CEC transmission
- Extension from MODEX transmitters
- 3D signal support
- 36-bit deep color support for up to 1080p60

25G-8OPTS2-IB-LC, -SC, -ST, -NT is a 4k compatible fiber optical input board for the 25G matrix family available with LC, SC, ST or Neutrik OpticalCON type fiber optical connectors. These optical boards can extend up to a 10.000m distance using Singlemode fiber technology. The OPTS technology provides a transparent medium for all existing video, audio, Ethernet, USB KVM, RS-232, IR and CEC data according to the 25G multilayer architecture, and allows the extension from MODEX transmitter units.

Compatible products:

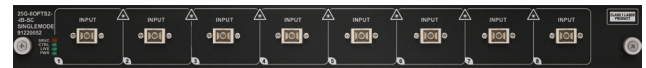
- MODEX-OPTS-TX
- 25G-8OPTS2-OB

Supported Media Layers:

- Video Layer with embedded audio
- Forward audio layer
- Return audio layer
- Ethernet layer
- USB KVM layer
- Infra layer
- Consumer Electronics Control layer
- RS-232 & RS-422 control layer



25G-8OPTS2-IB-NT



25G-8OPTS2-IB-SC



25G-8OPTS2-IB-ST



25G-8OPTS2-IB-LC

Specifications

HDCP compliance:	Yes
Max resolutions:	4K / UHD (30Hz YCbCr 4:2:2)
Laser wavelengths:	1310, 1490, 1550 nm
3D signal compatibility:	Frame packing, side-by-side, top-bottom

Optical Budget Data

Wavelength	TX Power	RX Sensitivity	Link Budget
1310 nm	-5.5 dBm	-21.5 dBm	16 dBm
1490 nm	-8.5 dBm	-21.5 dBm	13 dBm
1550 nm	-8.5 dBm	-21.5 dBm	13 dBm