PRO OPTIX DATASHEET

MPO BUILDING BLOCKS

Basic product overview

REQUIRED COMPONENTS

- MPO 19” 1U rack (3 or 4 for slots)
- MPO cassette, 4/6/12 fibre pairs (LC and/or MPO connectors)
- MPO cable 8/12/24 fibre (LC and/or MPO connectors) and optional breakout

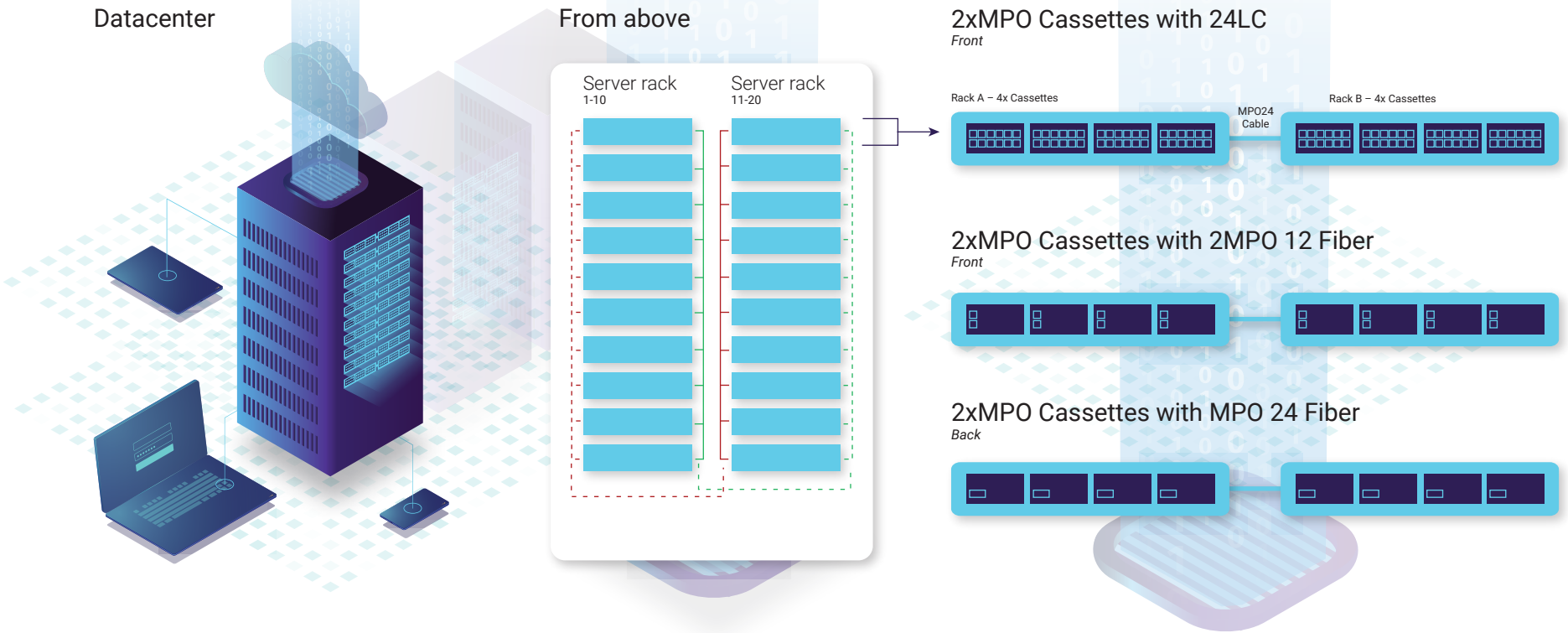
DESIGN PROPOSAL

- To get the signal out in a logical pattern the Tx/Rx has to match.
- The straight cable, **Polarity A, is used to connect from QSFP/SFP to patch panel (cassette)** MPO cable with Polarity A keeps the signal in the same position.
- The crossed cable, **Polarity B, is used in direct connections QSFP/SFP to QSFP/SFP or Patch panel** to Patch panel. MPO cable with Polarity B is the most commonly used.

PARTS EXAMPLE - 12 FIBRE PAIRS X 4 CASSETTES LC, DISTRIBUTED 15M,

PART NUMBER	DESCRIPTION	UNITS
MTS-1U4X-TR	1U Rack for 4 MTS MPO cassettes including cable tray	2
MTS-1MPO-24LCU-OM4-A	MPO cassette:OM4: MPO 24F-24 LC Type A Cassette	8
MPO24-OM4-1MM1MM-B15	MPO 24F male - MPO 24F Male, OM4, Magenta, 15m, Polarity B	4
MPO24-OM4-1MF1MF-B15	MPO 24F female - MPO 24F female, OM4, magenta, 13m, Polarity B	4

REDUNDANT DATACENTER SOLUTION EXAMPLE:



PRO OPTIX MPO SOLUTION SUPPORT

Contact your Sales Representative or **sales@prooptix.se** to get help with Technical Design and Solution support.

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