

## HD CASSETTE MTP<sup>®</sup>/MPO (Type-B) - **MP4CAxxU**



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NEXCONEC<sup>®</sup> HD cassettes are pre-terminated modules MPO-LC/SC fanouts that are suitable for up to 100G applications to interconnect backbone with discrete connections. The HD cassettes are designed to easily plug into NEXCONEC HD 1U 4 slot chassis and each chassis can populate up to 96F.

The cassettes eliminate the need for splicing reducing costs. The MPO and single ferrule connectors are available in Standard and Elite versions to cater customer's power budget requirements.

### FEATURES

- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ Shuttered dust proof LC adapters
- ✓ Available in standard Singlemode and Multimode fiber options
- ✓ Available in 12, and 24 fiber count
- ✓ Available in Polarity B as per TIA/EIA-568-C.3 with Alpha/Beta cassettes
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant

### APPLICATIONS

- ✓ Telecommunication networks
- ✓ Data centers, Co-location DC
- ✓ LAN or Campus wide Network
- ✓ Broadband network
- ✓ Supports SFP, QSFP, CFP applications
- ✓ 100G to 10G/ 40G to 10G transition



## SPECIFICATIONS





|                                 |  |
|---------------------------------|--|
| <b>Footprint</b>                | HD MP4                                   |
| <b>Material</b>                 | ABS + PC                                 |
| <b>Housing Color</b>            | Black                                    |
| <b>Application</b>              | HD Panels                                |
| <b>Fiber Capacity</b>           | 24FO in LC / 12FO in SC                  |
| <b>Adapters Ports</b>           | Shuttered laser & Dust proof LC Adapters |
| <b>Dimensions (WxDxH in mm)</b> | 106 x 110 x 33.60                        |
| <b>Weight KG</b>                | 0.25                                     |

## PERFORMANCE





| Parameters                   | Units | SM MPO      | SM LC/SC    | MM MPO      | MM LC/SC    |
|------------------------------|-------|-------------|-------------|-------------|-------------|
| <b>Avg/Max IL – Standard</b> | dB    | ≤ 0.25/0.75 | ≤ 0.20/0.30 | ≤ 0.60      | ≤ 0.18/0.30 |
| <b>Return Loss (PC/APC)</b>  | dB    | ≥ 60        | ≥ 60/65     | NA          | NA          |
| <b>Avg/Max IL– Premium</b>   | dB    | ≤ 0.10/0.35 | ≤ 0.12/0.15 | ≤ 0.10/0.35 | ≤ 0.12/0.15 |
| <b>Return Loss (PC/APC)</b>  | dB    | ≥ 60        | ≥ 60/65     | NA          | NA          |



## ORDER INFORMATION

| Product   | Part Number     | Product Description                                |
|---|-----------------|--|
|  | <b>MP4CA01U</b> | HD Module MPO-LC Elite 24FO SM Pol B Universal     |
|  | <b>MP4CA02U</b> | HD Module MPO-LC/APC Elite 24FO SM Pol B Universal |

|   |                 |  |
|---|-----------------|--|
|  | <b>MP4CA03U</b> | HD Module MPO-LC Elite 24FO MM OM3/4 Pol B Universal |
|  | <b>MP4CA07U</b> | HD Module MPO-LC Elite 12FO SM Pol B Universal       |
|  | <b>MP4CA08U</b> | HD Module MPO-LC/APC Elite 12FO SM Pol B Universal   |
|  | <b>MP4CA09U</b> | HD Module MPO-LC Elite 12FO MM OM3/4 Pol B Universal |

## RELATED PRODUCTS AND ACCESSORIES

| Product   | Part Number    | Product Description   |
|---|----------------|---|
|  | <b>MP4PP01</b> | 1U 4 Slots HD Modular Fixed Frame   |
|  | <b>MP4PP02</b> | 1U 4 Slots HD Modular Sliding Patch Panel Unloaded (No front Management)        |
|  | <b>MP4PP03</b> | 1U 4 Slots HD Modular Sliding Patch Panel Unloaded (Including Front Management) |
|  | <b>MP4PP04</b> | 1U 4 Slots HD Modular Fixed Frame (Including Front Management)                  |

|   |                       |  |
|---|-----------------------|--|
|  | <p><b>HD3</b></p>     | <p>3U 12 Slots HD Modular Fixed Frame (Including Front Management)</p> |
|  | <p><b>MP4BK01</b></p> | <p>Zero RU HD Bracket, 1 Slot (Unloaded)</p>                           |

**TECHNICAL DRAWING**

