



## HDX CASSETTE

|                          |                                                                                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description              | Optical module, mounted and tested in factory, assembled with female (without guide pin) MPO/MTP connector at rear, and LC connectors at front.                                              |
| Application              | Supports IEEE 802.3ae (10Gbase-SR), IEEE 802.3ab (40Gbase-SR4) applications and ANSI T11.2 (Fibre Channel).                                                                                  |
| Installation Environment | Indoor                                                                                                                                                                                       |
| Operation Environment    | Non Aggressive                                                                                                                                                                               |
| Height                   | 12.5 mm                                                                                                                                                                                      |
| Width                    | 99 mm                                                                                                                                                                                        |
| Depth                    | 187.3 mm                                                                                                                                                                                     |
| Color                    | BLACK Body: Ports 1-6 left to right<br>WHITE Body: Ports 1-6 left to right (reverse type)<br>MPO/MTP adapter GREY: B Polarity<br>MPO/MTP adapter BLACK: A Polarity                           |
| Fiber Type               | Multimode OM4 (50,0/125µm)<br>Singlemode (9/125µm)                                                                                                                                           |
| Connector Type           | Frontal Connectors: <ul style="list-style-type: none"> <li>• LC</li> </ul> Rear Connector: <ul style="list-style-type: none"> <li>• MPO Female (without pin guide)</li> </ul>                |
| Polishing Type           | Frontal Connectors: <ul style="list-style-type: none"> <li>• UPC</li> </ul> Rear Connector: <ul style="list-style-type: none"> <li>• UPC for MM fiber</li> <li>• APC for SM fiber</li> </ul> |
| Paint Type               | Plastic Textured Finish                                                                                                                                                                      |

| Main Product Material     | High impact plastic                                                                                                                                                                                                                          |            |                               |    |      |     |      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------|----|------|-----|------|
| Insertion Loss            | <b>Total value per Cassette:</b> <table> <tr> <th>FIBER TYPE</th><th>INSERTION LOSS (dB)<br/>MÁXIMO</th></tr> <tr> <td>SM</td><td>1,00</td></tr> <tr> <td>MM</td><td>0,75</td></tr> </table> <p>100% assembled and tested in the factory</p> | FIBER TYPE | INSERTION LOSS (dB)<br>MÁXIMO | SM | 1,00 | MM  | 0,75 |
| FIBER TYPE                | INSERTION LOSS (dB)<br>MÁXIMO                                                                                                                                                                                                                |            |                               |    |      |     |      |
| SM                        | 1,00                                                                                                                                                                                                                                         |            |                               |    |      |     |      |
| MM                        | 0,75                                                                                                                                                                                                                                         |            |                               |    |      |     |      |
| Return Loss               | <table> <tr> <th>FIBER TYPE</th><th>RETURN LOSS (dB)</th></tr> <tr> <td>SM</td><td>&gt; 50</td></tr> <tr> <td>MM</td><td>&gt; 30</td></tr> </table> <p>Montado e testado 100% em fábrica</p>                                                 | FIBER TYPE | RETURN LOSS (dB)              | SM | > 50 | MM  | > 30 |
| FIBER TYPE                | RETURN LOSS (dB)                                                                                                                                                                                                                             |            |                               |    |      |     |      |
| SM                        | > 50                                                                                                                                                                                                                                         |            |                               |    |      |     |      |
| MM                        | > 30                                                                                                                                                                                                                                         |            |                               |    |      |     |      |
| Assembly Standard         | Assembled with MPO connectorization - "A" or "B" Polarity, according to the established by ANSI/TIA-568.3-D standard.                                                                                                                        |            |                               |    |      |     |      |
| Number of Positions       | <table> <tr> <th>Adaptader</th><th>Capacity</th></tr> <tr> <td>LC</td><td>12F</td></tr> <tr> <td>MPO</td><td>12F</td></tr> </table>                                                                                                          | Adaptader  | Capacity                      | LC | 12F  | MPO | 12F  |
| Adaptader                 | Capacity                                                                                                                                                                                                                                     |            |                               |    |      |     |      |
| LC                        | 12F                                                                                                                                                                                                                                          |            |                               |    |      |     |      |
| MPO                       | 12F                                                                                                                                                                                                                                          |            |                               |    |      |     |      |
| Warranty                  | 12 months                                                                                                                                                                                                                                    |            |                               |    |      |     |      |
| Compatibility             | Compatible with HDX <sup>®</sup> standard                                                                                                                                                                                                    |            |                               |    |      |     |      |
| RoHS                      | This product is in accordance with the RoHS European Directive: a directive on the restriction of the use of certain hazardous substances and related to the environmental preservation.                                                     |            |                               |    |      |     |      |
| Standard                  | ANSI/TIA-568.3-D - Optical Fiber Cabling Components Standard<br>ISO/IEC 11.801 Ed.02 - Generic Cabling for Customer Premises                                                                                                                 |            |                               |    |      |     |      |
| Quantity per box (carton) | Each box contains 03 blisters with 01 cassette.                                                                                                                                                                                              |            |                               |    |      |     |      |

[Part Numbers](#)