

**LinkIT MTP Cassette OM4 A 2x12xLC**

low loss A | 2xMPO connector | 2x12 LC

Product number: LI-MTP2x12LC-OM4A

Product Description

This OM4 cassette includes 2x MTP Male (USCONEC) rear connectors and 12x LC Duplex front ports. Supports 24 fiber connections with low loss and UPC polish. Built in black plastic, it's ideal for high-performance networks and data centers

Main Specifications

Brand	LinkIT
Measurements (WxHxD)	98.6 × 146 × 27 mm
Polishing contact 1	UPC
Polishing contact 2	UPC
Material	Plastic
Number of fibers	24
Fibreclass	OM4
Number of outputs	24
Type of inputs	LC Duplex
Polarity Type	A

Extended Specifications

Input	2x MTP Male
Front Connector	12x LC Duplex
Insertion Loss Front	<0,15dB



Connector

Return Loss Front Connector >55dB

Rear Connector 2x MTP Male (USCONEC)

Insertion Loss Rear Connector <0,35dB

Return Loss Rear Connector >55dB

Front Adapter 12x LC Duplex (24 fiber)

Rear Adapter 2x MTP Male

Certifications REACH, RoHS

FMOM Documentation

Pre-terminated OM4 fiber cassette with 2xMTP Male (input) and 12x LC Duplex (output). Supports 24 fibers. Compatible with LinkIT MF HD frame systems. Features UPC polish and compact housing.

Dimensional Sketches



Specification Document

Name

MPO Cassette

Model


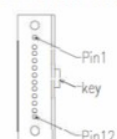
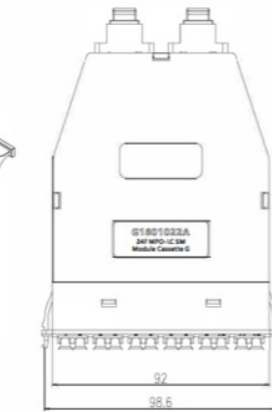
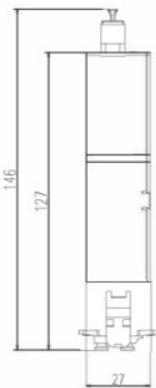
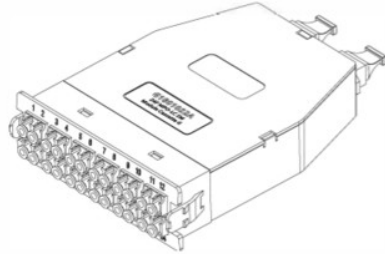
LI-MTP2x12LC-xxxxA

Document NO.

SD-029909-ENG

Version

REV.01

<div>A</div>	<div>SM Fiber Line Loss</div> <table><thead><tr><th>Port</th><th>Wavelength</th><th>Test Requirements</th></tr></thead><tbody><tr><td data-bbox="320 1030 367 1039">MPO END</td><td data-bbox="320 1048 367 1055">1310nm</td><td data-bbox="379 1030 456 1055">IL < 0,35dB RL > 50dB</td></tr><tr><td data-bbox="320 1064 367 1072"></td><td data-bbox="320 1072 367 1079">1550nm</td><td data-bbox="379 1064 456 1088">IL < 0,35dB RL > 50dB</td></tr><tr><td data-bbox="320 1095 367 1104">LC END</td><td data-bbox="320 1113 367 1120">1310nm</td><td data-bbox="379 1095 456 1120">IL < 0,35dB RL > 50dB</td></tr><tr><td data-bbox="320 1128 367 1137"></td><td data-bbox="320 1144 367 1153">1550nm</td><td data-bbox="379 1128 456 1153">IL < 0,35dB RL > 50dB</td></tr><tr><td data-bbox="320 1162 367 1169">MPO-LC Link Loss</td><td data-bbox="320 1187 367 1193">1550nm</td><td data-bbox="379 1162 456 1187">IL < 0,5dB RL > 50dB</td></tr></tbody></table>	Port	Wavelength	Test Requirements	MPO END	1310nm	IL < 0,35dB RL > 50dB		1550nm	IL < 0,35dB RL > 50dB	LC END	1310nm	IL < 0,35dB RL > 50dB		1550nm	IL < 0,35dB RL > 50dB	MPO-LC Link Loss	1550nm	IL < 0,5dB RL > 50dB	<div>12 cores MPO connector</div> <div></div> <div></div>	<table><thead><tr><th>LC</th><th>MPO(PIN)</th><th>Fiber colour</th></tr></thead><tbody><tr><td>1</td><td>1</td><td>Blue</td></tr><tr><td>2</td><td>2</td><td>Orange</td></tr><tr><td>3</td><td>3</td><td>Green</td></tr><tr><td>4</td><td>4</td><td>Brown</td></tr><tr><td>5</td><td>5</td><td>Gray</td></tr><tr><td>6</td><td>6</td><td>White</td></tr><tr><td>7</td><td>7</td><td>Red</td></tr><tr><td>8</td><td>8</td><td>Black</td></tr><tr><td>9</td><td>9</td><td>Yellow</td></tr><tr><td>10</td><td>10</td><td>Violet</td></tr><tr><td>11</td><td>11</td><td>Pink</td></tr><tr><td>12</td><td>12</td><td>Aqua</td></tr><tr><td>13</td><td>13</td><td>Blue</td></tr><tr><td>14</td><td>14</td><td>Orange</td></tr><tr><td>15</td><td>15</td><td>Green</td></tr><tr><td>16</td><td>16</td><td>Brown</td></tr><tr><td>17</td><td>17</td><td>Gray</td></tr><tr><td>18</td><td>18</td><td>White</td></tr><tr><td>19</td><td>19</td><td>Red</td></tr><tr><td>20</td><td>20</td><td>Black</td></tr><tr><td>21</td><td>21</td><td>Yellow</td></tr><tr><td>22</td><td>22</td><td>Violet</td></tr><tr><td>23</td><td>23</td><td>Pink</td></tr><tr><td>24</td><td>24</td><td>Aqua</td></tr></tbody></table>	LC	MPO(PIN)	Fiber colour	1	1	Blue	2	2	Orange	3	3	Green	4	4	Brown	5	5	Gray	6	6	White	7	7	Red	8	8	Black	9	9	Yellow	10	10	Violet	11	11	Pink	12	12	Aqua	13	13	Blue	14	14	Orange	15	15	Green	16	16	Brown	17	17	Gray	18	18	White	19	19	Red	20	20	Black	21	21	Yellow	22	22	Violet	23	23	Pink	24	24	Aqua
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