

## 2x PRIZM LT - MTP 24F ribbon jumper

### Basic characteristics

- ▲ Miniature detachable connector for high speed optical interconnection
- ▲ The PRIZM LT connector consists of a multi-fiber ferrule with a photonic turn TIR (total internal reflection) lens array



### Benefits

- ▲ Optimizes air-flow
- ▲ High I/O density directly on a PCB
- ▲ Low profile design
- ▲ Provides excellent coupling to high bandwidth mini-parallel optic modules

### Applications

- ▲ Telecommunications
  - Servers
- ▲ Data Networking
  - Data communication centers
  - High-speed computer applications

### Temperature range

Indoor controlled environment (-10°C/+60°C)

### Cable parameters

|                    |                         |                |
|--------------------|-------------------------|----------------|
| Jacket material    | N/A                     |                |
| Cable construction | Bare ribbon             |                |
| Outer dimension    | approx. 3,22mm x 0,34mm |                |
| Fiber count        | 2x12                    |                |
| Fiber type         | MMF OM3 / OM4           |                |
| Temperature range  | operation:              | -20°C to +70°C |
|                    | storage:                | -20°C to +70°C |
|                    | installation:           | 0°C to +70°C   |



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**Connector parameters**

|   | PRIZM LT          | MTP               |
|---|-------------------|-------------------|
| Compliance                                      | US CONEC standard | US CONEC standard |
| Colour of housing                               | N/A               | Aqua / Magenta    |
| Colour of boot                                  | N/A               | N/A               |
| Polish  | N/A               | Flat (PC)         |
| Insertion Loss<br>(acc. IEC 61300-3-4 method B) | <2,0dB (@850nm)   | 0,35dB (@850nm)   |
| Return Loss<br>(GUARANTEED VALUE)               | N/A               | >20dB (@850nm)    |

**Identification**

Traceability label with unique serial number.

**Packaging**

Each assembly in sealed PE bag, bulk pack in cardboard box.

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\* Specifications are subject to change without notice

For more information contact our sales team at [sales@sylex.sk](mailto:sales@sylex.sk)