# LANmark-OF Aggregation Assembly MTP/F-4XDLC

- Factory terminated fibre assembly
- Fibre assembly with Female MTP towards 4x uniboot DLC connectors
- Female MTP connector for connecting to QSFP+ transceiver on switch
- Uniboot DLC connectors for patching on front of patch panel
- Aggregation of 4X 10G channels on patch panel into 1x 40G port on switch
- Fibre type: OM3 and OM4
- 8 core
- Low loss connectivity performance: max of 0,3 dB per connection



## STANDARDS

ISO/IEC
11801:2002/Amd 1:2008/Cor 1:2008

## Construction

A round cable with a diameter of 3,65 mm is terminated on one side with a female MTP*-connector. The other side is terminated as a fan-out with uniboot duplex LC connectors. The round fan-out legs contain 2 fibres. The lengths between the fan-out point and each uniboot connector is equal and typically 1m (fan out A) or 2m (fan out C). The length between the MTP-connector and the fan-out point is variable and can be increased in steps of 1 m.

The cable features a small bend radius of 40mm and has bend insensitive fibres inside.

The cable is flame non propagation (IEC 60332-1) and fire non propagation (IEC 60332-3).

## Application

The assembly allows to aggregate 4X 10G channels from the front of a patch panel into 1x 40G port on a switch.

The female MTP-connector fits with the male MTP connector inside the 40G QSFP+ port of the switch.

## Performance

The MTP connector has a low loss performance. Typical value for the insertion loss for the low loss MTP-MTP connection is 0.125 dB. The limit value is 0.3 dB measured according to

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standard IEC 61300-3-45.

## Consistent quality

In order to produce high quality, reliable pre-terminated multi-fibre cables, there are a number of physical characteristics that must be addressed. Therefore, all LANmark-OF Pre-Terms are fully terminated and tested in a quality assured factory environment.  They are delivered with these test results.

* MTP is a trade name of US Conec

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## CHARACTERISTICS

| | |
|---|---|
| **Construction characteristics** | |
| Fiber optic type | OM4 50/125 |
| **Dimensional characteristics** | |
| Nominal outer diameter (mm) | 3.65 mm |
| **Mechanical characteristics** | |
| Crush resistance (IEC 60794-1-E3) | 50 N/cm |
| Mechanical resistance to impacts | 10 impacts of 1 N.m |
| **Usage characteristics** | |
| Fire retardant | IEC 60332-3 |
| Flame retardant | IEC 60332-1 |
| Minimum static operating bending radius | 40 mm |
| Operating temperature, range | 0...60 °C |
| Storage temperature, range | -20...60 °C |

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## Product list

| | Aginode ref. | Country ref. | Name |
|---|---|---|---|
| | N127.7FLAVx | - | LANmark-OF Aggregation Assembly MTP/F-4XDLC 8XOM4 1m fan-out A xm Violet |
| | N127.7FLCVx | - | LANmark-OF Aggregation Assembly MTP/F-4XDLC 8XOM4 2m fan-out C xm Violet |

= Make to order, = In Stock

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