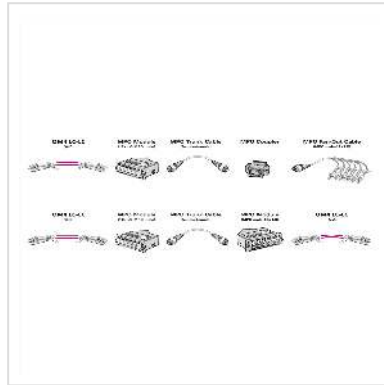


VALUE MPO Trunk Kabel 50/125µm OM4, MPO/MPO, violet, 15 m

| | |
|-------------------|---------------|
| Art.nr. | 21.99.1105 |
| Fabrikant | VALUE |
| Art.nr. fabrikant | 21.99.1105 |
| EAN (een stuk) | 7630049611832 |



MPO (multi-fiber push-on) bekabelingssysteem - Deze hoofdkabels worden gebruikt als een permanente verbinding tussende MPO-modules. De hoofdkabels hebben 12 vezels. Ze zijn aan beide zijden afgewerkt met een vrouwelijke 12-vezel MPO mannelijke connector.

Het MPO (multi-fiber push-on) bekabelingssysteem is een eenvoudig te gebruiken oplossing op basis van een hogedichtheidstekker en 12-fiber platte lint-glasvezelkabel. Dit systeem wordt veel gebruikt in datacenters, maar wordt ook gebruikt b.v. tussen serverruimtes. Ontworpen voor betrouwbare en snelle afhandeling, biedt het de voordelen van een lage voetafdruk en maximale schaalbaarheid. Voorgemonteerde MPO-kabels kunnen worden uitgewaaid naar andere connectortypen, meestal LC-connectoren, om verbinding te maken met standaard glasvezelproducten of -diensten. Dit gebeurt via modules of via zogenaamde fan-out kabels.

- Ondersteunt alle glasvezeltoepassingen in het Ethernet-gebied
- Modulaire oplossing met herbruikbare modules en kabels
- Bekabeling met hoge dichtheid bespaart veel ruimte en biedt een verbeterde luchtstroom in vergelijking met traditionele kabelbundels
- Kabels zijn voorgemonteerd en worden dus in gegarandeerde kwaliteit geleverd

KEY FACTS MPO

- Fully supports all optical fiber applications within the Ethernet family
- Modular solution with reusable modules and cables
- High-density cabling saves pathway space and gives improved airflow compared to

traditional cable bundles

- Cables are pre-terminated in the factory to the correct length with high density connectivity

MPO connectors contact usually 12 fibers in a single connection. A connection must be stable and its ends correctly aligned. These aspects are essential for achieving the required transmission parameters.

Therefore MPO connectors are available in a male version (with pins) or a female version (without pins). The pins ensure that the fronts of the connectors are exactly aligned on contact and that the end-faces of the fibers are not offset. Remark: all cables are halogen-free (LSOH). The connectors are low-loss connectors with a very low attenuation.

MPO-12 TYPE A (straight) Key-Up to Key-Down

SIDE A: 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

SIDE B: 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

MPO-Cables

MPO cables are delivered already terminated. That requires greater care in planning in advance but it has a number of advantages: short installation times, tested and guaranteed quality and great reliability.

Trunk cables: Trunk cables serve as a permanent link connecting the MPO modules to each other. Trunk cables are available with 12 fibers. Their ends are terminated with 12-fiber MPO connectors female version (without pins).

Fan-Out cables: Fan-Out cables are used for the connection of a MPO cable to standard-density connectors, usually to 12 LC connectors.

Fiber optic - Cable OM4: Please see Fiber optic jumper cable 50/125µm OM4 in our catalogue. The key point of each installation is to ensure the correct wiring from transceiver to receiver. In case of using a set of cassettes, trunkcables and duplex patchcords - you need to follow a certain guideline for the polarity method of the trunkcables. The case described in the graphic is according to the polarity A method, means the duplex fibre optic jumper cables MUST be CROSS connected on one side and STRAIGHT connected on the second side.

MPO-Adapters

Adapters are used to connect two MPO connectors. They enforce that both keys are up. So the two connectors are connected while in the same position in relation to each other.

MPO-Modules

Modules and adapter plates are what connect the permanent link to the standard-density patch cable. The MPO module enables the user to take the fibers brought by a trunk cable

and distribute them to a duplex cable. As already assembled units, the MPO modules are fitted with 12 fibers and have LC adapters on the front side and MPO at the rear. The modules can be built in panels to be installed in a 19" rack.

Technische specificaties

| | |
|---------------------------|---|
| Producent | VALUE |
| Produkt groep | Fiber Optic Kabel |
| Produkt type | MPO (multi-fibre push-on) |
| Kleur | violet |
| Lengte | 15 m |
| Aantal Leidingen | 12 |
| Kabel specs. | Compacte ader |
| Uitgangskabel | nee |
| Leidingdoorsnede | Multimode 50/125µm OM4 |
| Type connector kant 1 | MPO |
| Type connector kant 2 | MPO |
| Aramid Trekontlasting | ja |
| Kabel LSOH | ja |
| Technische bijzonderheden | MPO-12 TYPE A (straight) Key-Up to Key-Down |
| Gewicht | 283 g |
| Hoogte verpakking | 40 mm |
| Breedte verpakking | 210 mm |
| Diepte verpakking | 210 mm |
| Gewicht verpakking | 0.3 kg |