TDCOP - Optical modular cable head

TDCOP 144 SC/APC PRETERMINATED FOR SPLICING



Aginode Ref: 10267062

Plastic optical modular cable head

- High-density - 12 plates with 12 adaptors each
- Light weight
- Preterminated with 12 pigtails and 12 SC/APC adaptors
- Tubes storage
- Working position locking system

Optical Modular Cable Head TDCO is a solution designed for high density nodes of FTTx networks where an important flexibility to route the optical signal is requested.

This plastic version gives a significant reduction of weight, over 50% compared with metal version (less than 5 kg with a plastic version equipped with 144 fibers), improves flexibility with individual management of 12 fibers plates, maintains excellent sturdiness, and proposes many innovations as a locking in the working position.

Main functions are:

- To protect up to 144 optical splices and fibers against environment and handling,
- To coil and identify effectively and easily the optical fibers,
- To coil in each plate up to 2 meters of tube,
- To distribute up to 12 fibers per plate.

TDCOP consists in a frame equipped with 12 plates with covers. Each plate has a 12-fibre modularity. Accessories for fibers management (combs, clamps, sealings…) are provided.

This is the splice and patch configuration.

Splicing-Patching: Each plate includes without accessory 12 splices on pigtails and 12 SC adapters. Splicing can be made plate opened or down of the cable head.

Each plate has a two coiling areas: a first one for coiling up to 2 meters of tube and to allow moving the plate closer to the fusion splicer and a second one protected by a transparent cover to store fibers and splices. Each plate has a dedicated

STANDARDS

Aginode specification
Orange/France Telecom

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area to splice up to 12 pigtails.

Fixation is performed with a metal fixed chassis on an optical open frame. The metal chassis also provides rotation axis of the plates, guiding ways for Ø5mm tubes or cables from the rear, guiding ways for Ø2mm patchcords from the front to the left hand side.

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TDCOP 144 SC/APC preterminated for splicing

Characteristics

Construction characteristics	
Colour	Light grey RAL 7035
Halogen free	Yes
Material	Thermoplastic
Dimensional characteristics	
Depth	260 mm
Height	250 mm
Width	272 mm
Cable Diameter	5 mm
Usage characteristics	
Operating temperature, range	-25...70 °C
Adaptor	SC/APC
Minimum static operating bending radius	30 mm
Packaging	Box
RoHS compliant	Yes

Documentation

Optical modular cable head - Installation manual - version C pdf — 8.81 MB Download

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