YOFC 长飞

Introduction of G-net® Air-blown Microduct Microcable Overall Solution

YOFC introduced microduct microcable technique from Draka in Holland into China in 2004 for the first time. Relying on years of technology import and absorption, YOFC possesses advanced microduct microcable overall solution design ability and corresponding production capacity and has the construction capability for long-haul trunks, ring network in urban areas, interoffice relay system, pipeline expansion, FTTX network and corresponding cases.

YOFC has microduct microcable professionals who can provide customers with complete product solutions and technical support services, including factory & enterprise, school, hospital and public institution, business center, subscribers in residential area and villa. Meanwhile, YOFC can provide perfect product solutions and supporting designs for route shortage along transmission line or communication pipeline expansion and non-communication pipeline construction.

Advantages of Air-blown Microduct Microcable Solution of YOFC

- Imported Microcable Production Line
- Rich Microcable Achievements and Construction Experience
- All-around Air-blown Technical Service and Training
- Drafter of Air-blown Construction Specification and Acceptance Standard
- Perfect Test Capacity of Air-blown Microduct Microcables

Application Cases

1. Application of backbone network

- Wuhan-Jingmen high speed line, shared and constructed by China Mobile and China Unicom
- Online capacity expansion of 96-core micro optical fibre cable in Wuhan-Yichang highway project of Hubei Mobile
- Highway project of Guizhou Telecom, placed micro optical fibre cables in the existing 40/33 silicon core pipe

2. Application of metropolitan area network (MAN)

- China Mobile (Guangdong) Co., Ltd has laid the 48-core micro cable in the existing pipeline system in Dongguan.
- Wuhan Information pipe network Company has laid the microduct and microcable in the Two-Seven Yangtze River Bridge in Wuhan.

3. Application of access network

- The FTTX pilot project in Wuhan Steel Qunying residential quarter of China Mobile
- The FTTH project in residential quarter of Sinopec Group (Xuzhou)

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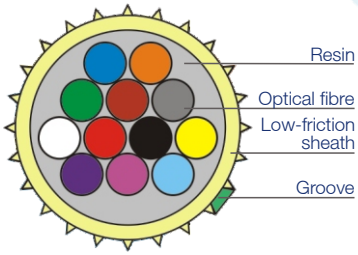
Product Series

Air-blown Microcable Product :

EPFU



- Air-blown optical fibre bundle
- The sheath is made of low-friction thermoplastic plastics. The sheath is blue, thus being easy to be identified. The sheath is easily stripped.

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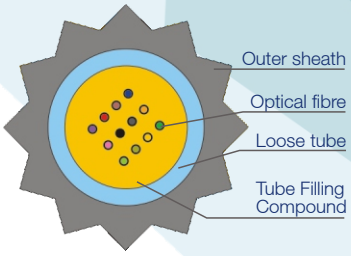

- Unitube air-blown microcable is featured by small diameter and light weight, thus being suitable for blowing installation.
- Be suitable for application in backbone network, metropolitan area network and access network.

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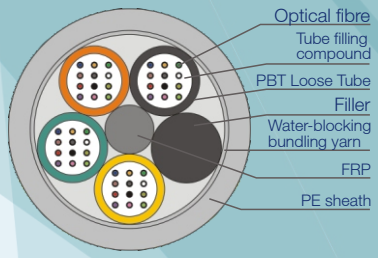

- The stranded air-blown microcable is featured by small diameter, light weight and high optical fibre density, thus being suitable for blowing installation.
- Be suitable for application in backbone network, metropolitan area network and access network.

Air-blown Microduct Product

Air-blown Microduct

- The microduct is beneficial for air-blown of microcables
- Small size, outer diameter ranging from 3-16mm, able to load 288-core microcable at most in single micro duct

Bundled Microduct

- Gathering several microducts and installing several routings in one time, thus saving installation cost
- Common structure:7/4/3/2 holes

Flat Shape Bundled Microduct

- Formed by arraying several micro ducts with one HDPE layer and easy to separate one single micro duct
- Easy to be installed in a narrow slot and able to be installed via the slotting, direct burial, horizontal shallow trench and other methods

Microduct Connector:

Water Block Connector

End Stop Connector

Reducing Connector

Disassembled Straight Connector

Straight Connector

Water Block Connector A

Gas Block Connector

"Y" Branch Connector

Auxiliary Protective Materials and Tools:

Reserved Trestle for Microduct

Reserved Protective Container for Microduct

Wheel Duct Cutter

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