

OSP solution – Modular

ACE is a certified, guaranteed **total** concept for passive FTTx networks

Introduction

ACE offers a wide range of solutions for OSP networks.

The indicator “modular” refers to a modular duct system. An end-to-end pathway based on tubes is installed from the central telecom location (area POP) to the end customer.

Modular solution advantages

- success-based connection of customers
- flexible, network scalability
- simple solution, easy to install
- especially suitable for the installation of a network in greenfield areas

Products

The main applied products in the modular solution are:

- modular tube cable
- passive distribution point (PDP)
- tube connectors: straight as well as gas block
- enhanced performance fibre unit (EPFU)
- branch-off closures



Modular tube cable

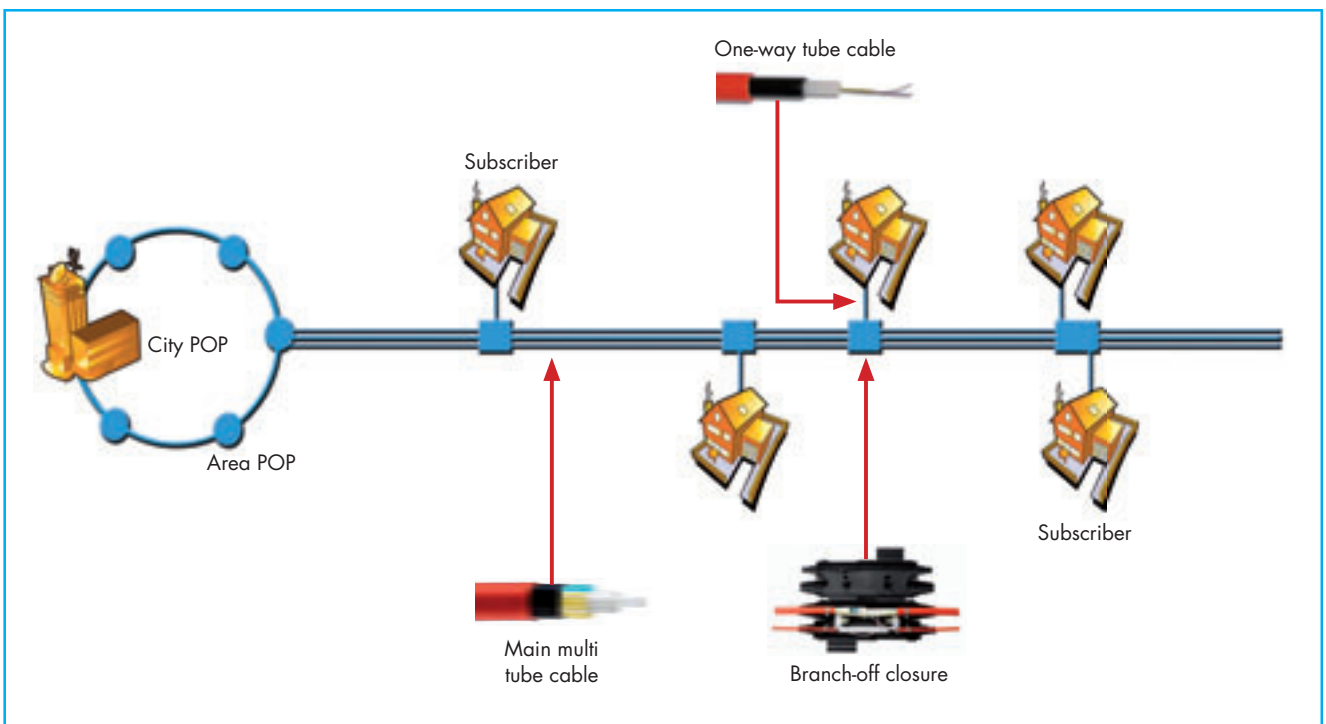
The diameter of the applied tubes depends on the fibre count and the distance that has to be blown. Most common are tubes with a diameter of 5/3.5 mm (outer/inner diameter).

A main multi tube cable (mostly filled with 24 tubes) is terminated in the area

POP. On the way to the subscriber the tubes are branched off in passive distribution points. Every subscriber is connected by a one-way tube cable.

EPFU

Once the subscriber is connected with a one-way tube cable to the area POP, it is possible to blow an optical fibre (EPFU) end-to-end.



ACE

ACE is a certified and guaranteed total concept for passive FTTx networks. As a total concept ACE provides the broadband market with a new vision on building fibre optic networks. ACE does not only consist of products, but also guarantees compatibility between all the different components and offers complete, passive solutions.



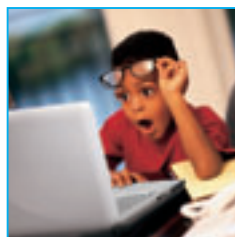
The ACE concept covers the following fields of applications:



• POP solution



• OSP solution
- Direct Buried
- Modular
- Aerial



• Subscriber solution
(SDU and MDU)



P.O. Box 6
NL-7480 AA Haaksbergen
The Netherlands

Tel.: +31 (0)53 573 22 55
Fax: +31 (0)53 573 23 06

E-mail: info@ace-fibreoptic.com
Website: www.ace-fibreoptic.com

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