

# ACE racks and shelves

## The open approach for flexible fibre management

### Introduction

ACE racks and shelves are a solid solution for termination and management of fibre optic cables and patch cords in FTTx networks.

The racks and shelves family comprises:

Rack systems:

- equipment frames (EQF)
- patch cord management frames (PMF)
- optical distribution frames (ODF)

Shelves:

- splice / patch shelf
- patch shelf
- distribution shelf

Development of the components has been fully driven by a combination of field experience, fibre knowledge and customer requirements.

### Rack systems

The ACE rack systems distinguish themselves by open accessibility. The frames inside the rack offer standard 47 HU (84 MU) space and can be mounted on different depths inside the rack.



Several dimensions of rack systems are available. Metal sheets and doors are optional.

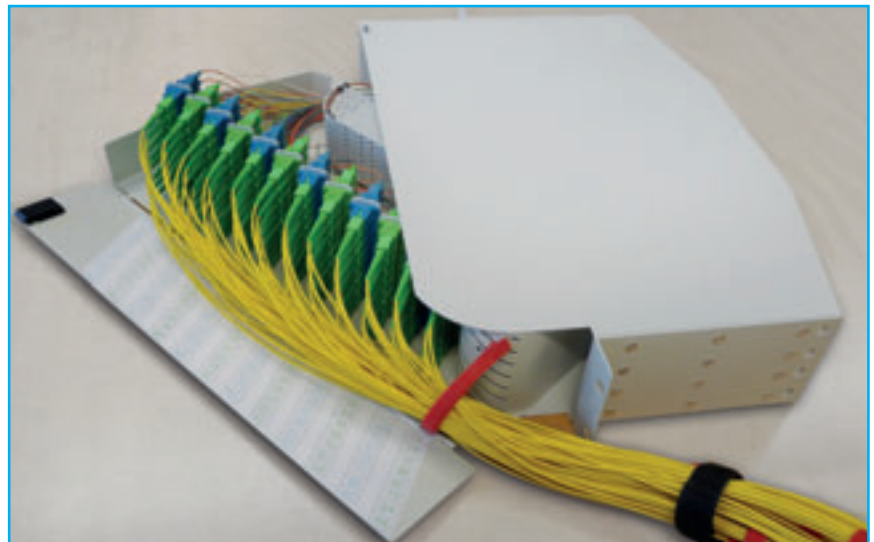
### Shelves

The shelf (1 HU or 2 HU) includes a swiveling drawer to limit the motion of patch cables to a minimum while allowing full access to the connectors and splice trays. Shelves can be pre-assembled with various possibilities of splice trays, patch panels, adapters and pigtailed.

The shelf is designed for conventional fibre optic cables, mini cables, micro cables and modular cables.

Capacity of the shelf varies between 48 to 192 splice patch positions. Access to the patch panel is achieved by hinging away the front plate of the shelf.

The patch cords can easily be installed without feeding through holes or glands. Splicing is performed in the ACE splice trays that can hold different kinds of splice protectors.



### ACE racks and shelves advantages

- comprehensive solution for patch cable management
- ETSI and 19" rack systems available
- smart design allows dense connectivity
- convenient access to the drawer of the shelf: swivel or pull
- pre-assembled shelves with splice trays, pigtails and adapters available
- various types of optical connector and adapters



# 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.



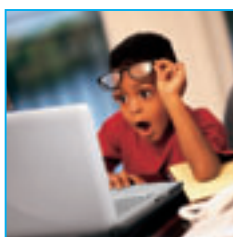
## The ACE concept covers the following fields of applications:



• POP solution



• OSP solution  
- Direct Buried  
- Modular  
- Aerial



• Subscriber solution  
(SDU and MDU)



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