

# THE MOST FLEXIBLE FTU IN THE INDUSTRY.

**7971X / 7972X SERIES** | FTU passive units



**FTTH NETWORKS**

# OUR UNIQUE CLICK-ON INTERFACE

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## INTRODUCTION

The DKT philosophy of separating the basic FTU media converter functionality from the Service Box, creates a neutral demarcation point between the in-home network and the operator's network. The small form factor of both FTU and gateway, combined with ease of installation due to its click-on interface, makes our solution extremely flexible, with optimized handling and efficiency.

## HOW IT WORKS

DKT's FTUs consist of a neutral base/FTU in which fiber can be mounted, connected and terminated. The active Gateway is designed as a click-on interface with the possibility for end-user activation. The solution is built to allow the customer to perform the service activation. The combined solution for FTU and gateway services are formed in an extremely compact form factor, 88 x 88 x 65 mm, making it viewed by the customer as just another outlet.

The FTU is ideal as a 2-box solution in combination with our gateways and 3rd party routers.

Passive FTU with protective cover appearing as any other outlet.



Dust cover easily clicked off by the end customer.



The FTU is ready to have active CPE attached.



The desired CPE is attached through the click-on interface.



# HIGH LEVEL SPECIFICATION

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## PASSIVE FIBER TERMINATION UNIT, SMALL FORM FACTOR

The Small Form Factor Fiber Termination Unit consists of two pieces, one part for fiber installation (with cover lid) and one protection part curved cover, which is identical with other DKT products.

### Passive Optical Outlet

The device is used to fasten and lock 2 optical patch cords, which are connected to an external fiber management device.

DKT Active CPEs can be clicked on to the Fiber Termination Unit.

## PASSIVE FIBER TERMINATION UNIT

The Passive Fiber Termination Unit consists of two pieces, one part for fiber management and one protection part curved cover.

### USAGE MODELS:

#### Active Optical Outlet

The bottom part is used for fiber management, the protection cover is removed, and an active part can be clicked on top of the bottom part.

#### Passive Optical Outlet

If 3rd party active equipment is used, such as switches and routers, then the unit can be used as Passive Optical Outlet. The protection part of the device can be used to secure patch cables for external connectivity, whereas the bottom part is used for fiber management.

### ORDERING INFORMATION:

The 79700 is included in the active products, but can also be ordered separately. All products include fiber management and dust protecting cover.

- 79715: 1x Passive FTU without pigtails, SC/PC + SC/APC adapters
- 79716: 1x Passive FTU without pigtails, SC/PC + SC/APC adapters
- 79717: 1x Passive FTU without pigtails, SC/APC + SC/APC adapters
- 79718: 1x Passive FTU with 2 pigtails, SC/PC + SC/APC adapters
- 79720: 1x Passive FTU with 2 pigtails, 2x SC/APC adapters
- Other types available upon request

### SMALL FORM FACTOR FTU

Fiber Type:	3000um fiber patch cord
Support for # of Fibers:	2
Dimensions including cover	23 x 88 x 88mm
Base Dimensions	15 x 88 x 88 mm

### ADAPTOR

Housing color:	White
Type:	SC/APC or SC/PC, Green (SC/APC) or Blue (SC/PC)
Insertion Loss:	≤0.20dB
Interchangeability:	≤0.20dB
Repeatability:	≤0.20dB
Mechanical Durability:	1000 Cycles
Operating Temperatures:	-40°C to +80°C
Sleeves:	Zirconia sleeves

### PIGTAIL (APPLICABLE FOR 79718/720 ONLY)

Fiber length:	0.75m
Fiber diameter:	900um
Fiber type:	G.657 Type A
Fiber color:	White
Connector type:	SC/APC or SC/PC

### ADAPTOR

Type:	SC/APC or SC/PC
Housing color:	Green (SC/APC) or Blue (SC/PC)
Insertion Loss:	≤0.20dB
Interchangeability:	≤0.20dB
Repeatability:	≤0.20dB
Mechanical Durability:	1000 Cycles
Operating Temperatures:	-40°C to +80°C
Sleeves:	Zirconia sleeves