

# Fiber Termination

## Gateways and fiber termination units



1 Gbps Gateway



10 Gbps Gateway

### Passive FTUs with small form factor

#### The most flexible FTU in the industry

The 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. This 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 the gateways named below and 3rd party routers. It is available with or without pigtailed and various combinations of adapters, e.g. SC/PC and SC/APC.

Order No. on request

### 1 Gbps Gateways

Parameter	79734-1Gbps	79740-1Gbps	79741-1Gbps	79742-1Gbps	79753-1Gbps	79755-1Gbps
1 Gbps WAN	Yes	<sup>(1)</sup>	Yes	Yes	–	–
GPON WAN	–	–	–	–	Yes	Yes
1 Gbps LAN	1	–	4	4	1	4
CATV	–	Yes	–	Yes	Optional	Optional
Switch engine <sup>(2)</sup>	Yes	–	Yes	Yes	Yes	Yes
CATV RF filter option	–	–	–	–	Optional	Optional
SFP WAN	Fixed	–	Fixed	Fixed	Fixed	Fixed
Fiber connector	SC/UPC	SC/APC	SC/UPC	SC/UPC & SC/APC	SC/APC	–
WDM filter	–	–	Optional	Optional	–	–
Clickable FTU	Yes	Yes	Yes	Yes	Yes	Yes
TR-069	Yes	–	Yes	Yes	–	–
Dimensions with/without cover (H x D x W) [mm]	23/15 x 88 x 88					
Operating temperature range [°C]	0 ... 40					
Order No.	on request					

The 1 Gbps gateway series is a unique and innovative product line that distinguishes itself by its small form factor and unique click-on interface. The small form factor, combined with ease of installation due to its click-on interface, makes the gateways an extremely flexible solution, with optimized handling and efficiency.

<sup>(1)</sup> Data port loop though, adapter SC/APC

<sup>(2)</sup> Support for VLANs, Q-in-Q, QoS, IGMP, Jumbo Frames and traffic shaping and manipulation

### 10 Gbps Gateways

Parameter	79751-10Gbps	79752-10Gbps	79757-10Gbps	79759-10Gbps
10 Gbps WAN	Yes	Yes	–	–
XGSPON WAN	–	–	Yes	Yes
1 Gbps LAN	2	2	2	2
10 Gbps LAN	1	1	1	1
CATV	–	Yes	–	Yes
Switch engine <sup>(1)</sup>	Yes	Yes	Yes	Yes
CATV RF filter option	–	Yes	–	Yes
SFP WAN	Yes	Yes	Yes	Yes
Fiber connector	SC/UPC	SC/UPC & SC/APC	SC/APC	SC/APC
WDM filter	–	Optional	–	Yes
Clickable FTU	Yes	Yes	Yes	Yes
TR-069	Yes	Yes	–	–
Dimensions (H x D x W) [mm]	151 x 40 x 88			
Operating temperature range [°C]	0 ... 40			
Order No.	on request			

The 10 Gbps gateway series is built to fit the well proven FTU named above. The newly developed active part is based upon a sophisticated wirespeed Layer 2 switching-based "System-on-Chip" (SoC) solution.

This solution implies that fiber termination and service activation occur as part of the operator's "demarcation point" at the end customer in a FTTH 10 Gbps environment.

<sup>(1)</sup> Support for VLANs, Q-in-Q, QoS, IGMP, Jumbo Frames and traffic shaping and manipulation