

- SFP and SFP+ interfaces
- Bridge mode
- 1 × PON SC/APC
- 1 × Ethernet 10G SFP+



NTX-SFP-100 is a high-performance subscriber terminal designed to provide connectivity to upstream passive optical network (PON) equipment and deliver broadband access services to end users. Connection to XGS-PON networks is implemented via a PON interface. SFP or SFP+ interfaces are used to connect customer terminal equipment. The number of services is determined by the OLT capabilities. NTX-SFP-100 supports operation in bridge mode.

Interfaces

- 1 × PON SC/APC port for connecting to the service provider network;
- 1 × Ethernet 10G SFP+ port for connecting to network devices.

Use cases

The device supports various use cases:

- Forwarding untagged traffic from the switch to a specific VLAN (802.1q) or VLAN stack (QinQ);
- Forwarding tagged traffic from the switch to a predefined VLAN transparently or using VLAN manipulation (replacing the 802.1q tag with another 802.1q tag or a tag stack);
- Forwarding all traffic from the switch encapsulated in a specific 802.1q tag (standard tunneling).

Technical features

General parameters	
Supported standards	ITU-T G.984.3 G.988 G.9807.1 G.987.3
Maximum data transfer rate	9.95 Gbps
Maximum frame size	9300
Compatible equipment	MES switches
Emitted power	+4...+9 dBm
Receiver sensitivity	-28 dBm
Receiver overload threshold	-8 dBm
Management	OMCI
MAC address table size	4096

The functionality of the device can be expanded by a license.

Licenses can be obtained from official dealers and managers of the Eltex commercial department:
foreign.sales@eltex-co.ru

Technical features (continued)

General parameters

Number of supported services	up to 30
Number of registered IGMP groups	256
FEC	yes
Encoding	yes
DDMI interface	yes

Physical parameters

Power consumption	up to 3 W
Operating temperature range	from 0 to +70 °C
Relative humidity	from 5 to 95% without condensation
Size (W × H × D)	80.5 × 13.05 × 14 mm
Weight	0.041 kg

Ordering information

Name	Description
NTX-SFP-100	NTX-SFP-100 subscriber terminal, 1 × PON SC/APC, 1 × 10G SFP+ Ethernet

Contact us

About Eltex



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Eltex Enterprise is a leading Russian developer and manufacturer of communication equipment with 30 years of history. Complete solutions and their seamless integrability into the Customer's infrastructure are the priority growth areas of the company.