

- Data transfer rate up to 980 Mbit/s
- Compatible with MES switches, TAU-72.IP and TAU-32M.IP
- Up to 12 supported services
- Support of FEC, encoding and DDMI interface



Description

NTU-SFP-200 is a high-performance subscriber terminal designed for communication with higher-level equipment of passive optical networks and providing broadband access services to the end user. Connection with GPON networks is implemented via PON interface. Connection of customer end equipment is implemented via SFP or SFP+ interface.

The number of services is restricted by OLT opportunities.

NTU-SFP-200 can operate in a bridge mode.

Interfaces

- 1 PON SC/APC port for connection to the operator's network
- 1 Ethernet 1000BASE-X SFP port for connection to the network equipment

Scheme of use

Using this device you can provide the following schemes of traffic transfer from the switch:

- transferring untagged traffic from a switch to a specific VLAN (802.1q) or VLAN stack (QinQ)
- transferring tagged traffic from a switch in a predetermined VLAN transparently or using VLAN manipulation (802.1q tag replacement for another 802.1q tag or tag stack)
- transferring tagged traffic from a switch in the range of VLAN encapsulation to a specific 802.1q tag (selective tunneling)
- transferring all traffic from a switch with encapsulation to a specific 802.1q tag (conventional tunneling)

The functionality of the device is expanded by a free license.

Licenses can be obtained from official dealers and managers of the commercial department of ELTEX Enterprise: eltex@eltex-co.com

Technical parameters

General parameters	
Standards support	G.984.2 Class B+ G.984.5 FDA 21 CFR 1040.10 and 1040.11 IEC-60825 Class I SFF-8472
Maximum data transfer rate	980 Mbps
Maximum frame size	1992
Equipment compatibility	MES switches, TAU-72.IP, TAU-32M.IP
Optic parameters	complies with Class B+
Emitted power	0.5 dBm
Receiver sensitivity	-28 dBm
Receiver overload threshold	-8 dBm
Management	OMCI
Size of MAC-address table	4096
Number of supported services	up to 12
Number of registered IGMP-groups	256
FEC support	yes
Encoding support	yes
DDMI interface support	yes
Physical parameters	
Power consumption	up to 3 W
Operating temperature range	from -40°C up to +85°C
Relative humidity	from 5 up to 95% without condensation
Dimensions (WxHxD)	74.7x12.4x14 mm
Weight	0.04 kg

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About ELTEX

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.