

ONTG-4G-S

GPON



The **ONTG-4G-S** optical receiver completes the range of the Fracarro ONT family, fitting into a business market segment thanks to greater versatility and the ability to support devices in the field that require power.

ONTG-4G-S receiver meets FSAN ITU-T G.984.2 standard protocol, supports 1.25Gbps/2.5Gbps asymmetric uplink/downlink speed.

Technical Chars

- XPON support
- Supports VLAN capabilities and IGMP multicast snooping capabilities
- Network security: MAC address learning
- Smart O&M: WebUI / SNMP
- AES encryption and decryption
- Fanless and Noise-Free

Optical section		
Connector type		SC/UPC single-mode
PON ports		1x GPON Optical Interface
Optical Sensitivity		Up to -28 (@1490nm)
Wavelength	nm	Rx: 1490 / Tx: 1310
Max. speed		1.25Gbps (Uplink) / 2.5Gbps (Downlink)
Optical saturation	dBm	-8
Ethernet Section		
LAN ports		<ul style="list-style-type: none"> • 4 x 10/100/1000M (auto negotiation Full/Half duplex) • Supports ITU-T G.984, 802.3ah standard
Functions		
Management		OMCI, WEB e SNMP
VLAN		port VLAN configuration
MULTICAST		IGMP v2, IGMP VLAN, IGMP transparent/Snooping
Security		<ul style="list-style-type: none"> • MAC address/URL filter • MAC address learning/MAC address learning account limit • Remote WEB/Telnet access control • Broadcast storm suppression

Management

Option mode		<ul style="list-style-type: none"> • The receiver can be managed remotely via OLT DATA GPON TX • Remote management support via SNMP and Telnet • Automatic discovery and link detection • Remote software upgrade • Port based speed limit • Port flow control • DBA (Dynamic Bandwidth Allocation)
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Specifications

Power supply voltage	V	12
Current consumption	W	≤ 5
Operating temperature	°C	-30 to +65
Storage temperature	°C	-20 to +65
Relative humidity	%	10 to 90
Alimentation type		Esterno in dotazione/External supplied

Dimensions and packaging

Packing		Single
Pieces		1
Packaging dimensions	mm	225 x 170 x 55
Product dimensions	mm	150 x 115 x 30
Packaging weight	kg	0.970
Weight	kg	0.480