

XPON ONU

FASTLINK DKB-180

XPON Dual Antenna WIFI ONU

FASTLINK DKB-180 is mainly designed for broadband application, it supports 1GE+1FE+WIFI antenna all with deliver a complete broadband solution and importantly compatible with all platform OLT, FASTLINK DKB-180 is comply with ITU-T and IEEE recommended standards.

■ Features

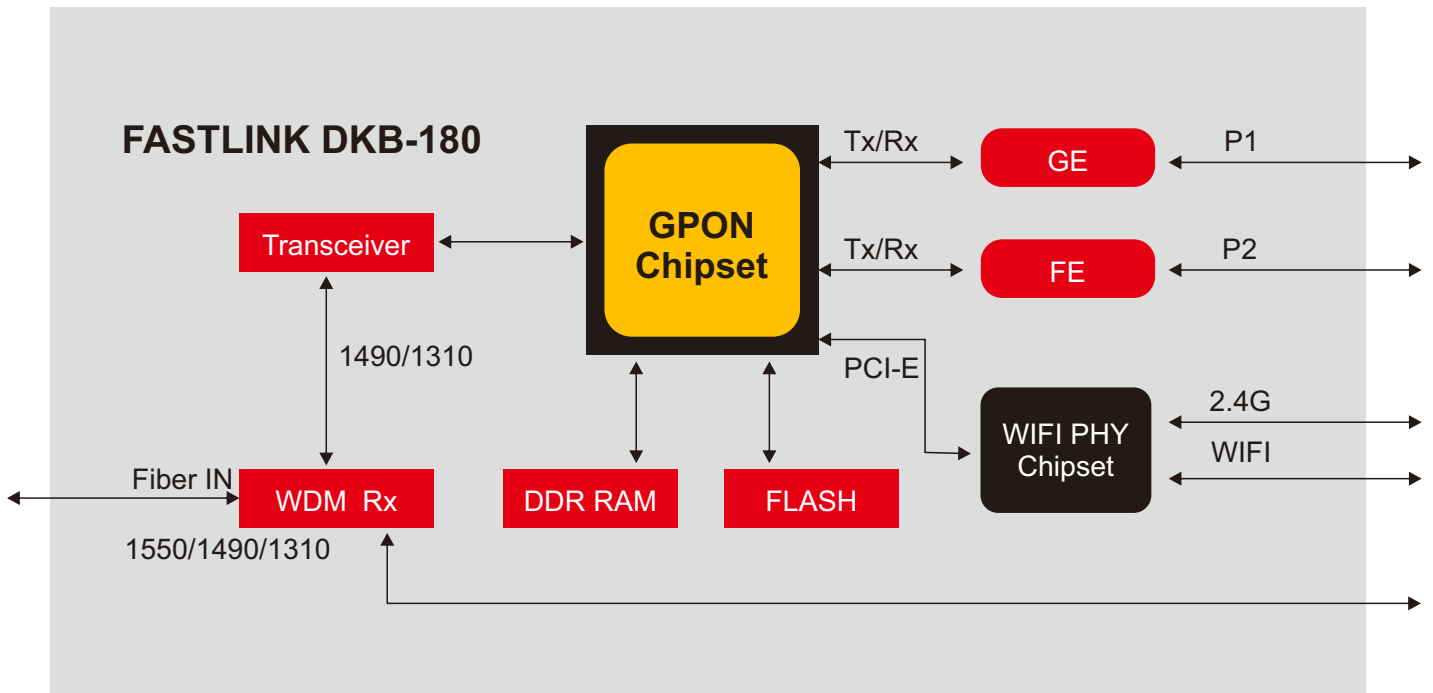
- Minimum receiving range < -30dB (-31dB standard)
- Supports downstream 2.5Gbps upstream 1.25Gbps PON transmission rates.
- Support OLT configure the ONU WAN interface
- QoS guarantees for Ethernet services, support for SLAs and DBAs
- Support IGMP multicast and effectively use broadband.
- Support Ethernet loop detection, automatically determine whether there is Ethernet loop blocking on the network connected to the device, and automatically recover when the loop disappears.
- Support VLAN function, support VLAN tag, transparent, etc.
- Rich OAM function design, including configuration, alarm, performance monitoring, fault isolation and security management, providing remote management through OLT and local console management.



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■ Reference Diagram (FASTLINK DKB-180 don't have WDM and optical receiver)



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■ Specification

Chipset	Realtek/Broadcom	
GPON Interface	Physical Interface	SC/UPC, Class C++
Ethernet Interface	2*RJ45	1x10/100/1000M auto- negotiation
		1x100M auto-negotiation
	Wireless Standards	IEEE802.11b/g/n
	Power of transmitter	< 50mW(13dBm)
	Frequency	2.412-2.462(11 channels)
	Rate	11n: Up to 300Mbps(dynamic)
11g: Up to 54Mbps(dynamic)		
Wireless Interface	EIRP	< 20dBm(EIRP)
	Reception Sensitivity	135M : -68dBm@10% PER
		54M : -70dBm@10% PER
	Wireless Functions	Enable/Disable Wireless Radio
	Wireless Security	64bit WEP / WPA / WPA2,WPA-PSK / WPA2-PSK
Antenna	5dBi Undetachable Omni Directional	
Management	Antenna	
Standards	ITU-T G.984.X, ITU-T G.988	
Network Capability	Support VLAN TAG/UNTAG 802.1Q	
	Support IGMP v1 / v2 / v3.	
	Support IEEE 802.1p QoS classification policy	
	Support L2/L3 the wire speed forwarding	
Dimension	140 x 91 x 29mm	
Power Consumption	<6W	
Power Supply	External 12VDC, 1A	