

### SBA ONT GPON 076

Esta ONT GPON tiene UN puerto PON, 4 puertos Ethernet FE y GE auto ajustables, un puerto POTS, una salida de RF de CATV y router WIFI.. Su excelente desempeño la hace ideal para los servicios de VoIP, Internet y televisión de HD IP y triple play con TV analógica, QAM o IPTV. Sigue el estándar ITU-T G.984.



### ESPECIFICACIONES

Item		Parameters
<b>Interface</b>	Uplink Interface	1*GPON port, FSAN G.984.2 standard, Class B+ Downstream Data Rate : 2.488Gbps Upstream Data Rate : 1.244Gbps SC/PC single mode fiber 28dB Link loss and 30KM distance with 1:128
	CATV Interface	1 RF output Female F-Type Connector
	POTS Port	1*RJ11 with 3REN Max 1km distance Balanced Ring, 55V RMS
	Ethernet Interface	*10/100M auto-negotiation Full/half duplex mode RJ45 connector Auto MDI/MDI-X 100m distance
	Power Interface	12V DC Power supply

<b>Performance Parameters</b>	PON Optical Parameter	Wavelength: Tx 1310nm, Rx1490nm Tx Optical Power: 0~5dBm Rx Sensitivity: -27dBm Saturation Optical Power: -8dBm Connector Type: SC Optical Fiber: 9/125µm single-mode fiber
	Data Transmission Parameter	PON Throughput: Downstream 2.488Gbit/s s; Upstream 1.244Gbit/s Ethernet: 100Mbps Packet Loss Ratio: <1*10E-12 latency: <1.5ms
	Business Capability	Support Port-based speed limitation Support Priority classification Support storm control of broadcast Support link detection Layer 2 wire speed switching Support VLAN TAG/UNTAG, VLAN conversion

### CATV

Item	Parameter
Wavelength	1100-1600nm
Optical Return Loss	>45dB
Input Optical Power	-15dBm~0dBm
RF frequency	47MHz~1000MHz
RF Output Level	84dBuV (@-5dBm@85MHz)
CNR	>47dB (@-5dBm@ DS22 Channel)
CSO	>60dBc (@-5dBm@ DS22 Channel)
CTB	>60dBc (@-5dBm@ DS22 Channel)
RF output return loss	>14dB
RF impedance	75Ohm

## WIFI SPECIFICATION

<b>Performance parameters</b>	Operating Mode	Router or bridge
	Throughput	IEEE 802.11b: 11Mbps IEEE 802.11g: 54 Mbps IEEE 802.11n: 135Mbps
	Frequency	2.412 ~ 2.472 GHz
	Channel	13*Channel, configurable to meet the standard of USA, Canada, Japan and China
	Modulation	DSSS , CCK and OFDM
	Coding	BPSK, QPSK, 16QAM and 64QAM
	RF receive sensitivity	802.11b: -82dBm @ 1 Mbps; -80dBm @ 2 Mbps; -78dBm @ 5.5 Mbps; -76dBm @ 11 Mbps 802.11g: -82dBm @ 6 Mbps; -81dBm @ 9 Mbps; -79dBm @ 12 Mbps; -77dBm @ 18 Mbps; -74dBm @ 24 Mbps; -70dBm @ 36 Mbps; -66dBm @ 48 Mbps; -65dBm @ 54 Mbps
	RF output lever	802.11b: 16.5 ±1dBm 802.11g: 13 ± 1dBm @ 54 Mbps; 14 ± 1dBm @ 48 Mbps; 15 ± 1dBm @ 6 ~ 36 Mbps 802.11n: 13 ± 1dBm @ 54 Mbps; 14 ± 1dBm @ 48 Mbps; 15 ± 1dBm @ 6 ~ 36 Mbps
	Encryption Mode	802.11i security: WEP-64/128, TKIP (WPA-PSK) and AES (WPA2-PSK)