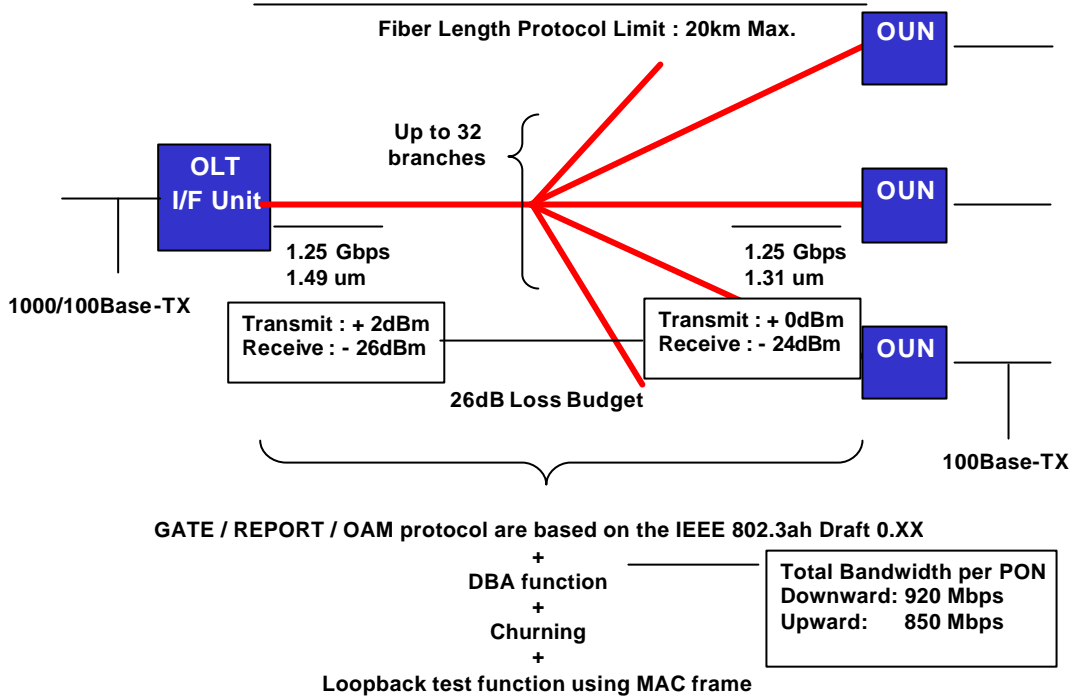

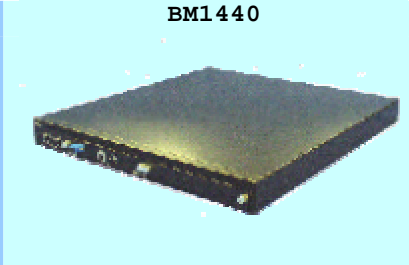


GE PON Specification





Gigabit Ethernet PON: (MileStar) BM1410/BM1440 (OLT) & BM1430/BM1431 (ONU)

Available as a Chasse (16 x PON port) or Pizza box (2 x PON port), both are 19" rack mountable units

Central Office System		GE-PON OLT	
Product No.		BM1410	BM1440
			
PON Line Rate		1.25Gbps	

PON User Data Rate	Downstream:920Mbps Upstream:805Mbps	
Wave Length	Downstream : 1,490 nm Upstream : 1,310 nm	
Loop Distance	Max20km	
Numbers of Branches(Max)	32 subscribers	
Average User Data Rate/ subscriber	30M bps	
Mechanical Dimension	19"rack mountable 5U size	Stand-alone Box Type 1U size(can be housed into 19" Rack)
Numbers of Subscribers	512 Subscribers/sub-rack (16PONs)	64 Subscribers (2PONs)
PON Bandwidth Control	Min. Guaranteed Bandwidth+Best Effort Bandwidth (Equal/Proportional, ON/OFF) 1M bps incremental	
Priority Control	4 classes - None - 802.1p - TOS - 802.1p Priority	
NNI Interface	100Base-T/100Base-Tx, SX, LX	
Power Supply	AC type, DC type (-48V)	
Power Redundancy	Yes (Option)	

CPE	GE-PON ONU	
Product No.	BM1430	BM1431
		
UNI Interface	10/100BASE-TX x1	
Loop Distance	Max10km	Max20km
Mechanical Dimension	693cc	
Priority Control	4 classes	
System Manager	GE-PON EMS BM14xx	
Product No.	BM1421	
Work Environment	MS Windows 2000 server (Japanese version)	
Network Manager	HP Open View	