

a – FTTH Systems⁽²¹⁾	
Manufacturer	Product
Alcatel-Lucent	7340 FTTU System ⁽¹⁶⁾
	7342 ISAM FTTU System ⁽²⁸⁾
ADTRAN	GPON System ⁽⁷⁾
Allied Telesis	Multiservice Access Platform 7000 & 9000 Series ⁽¹⁵⁾
Alloptic	GigaForce ⁽²⁰⁾
Calix Networks, Inc	FTTH Systems ⁽¹²⁾
Foxcom	FTTx Series 8 ⁽²⁶⁾ (CATV and DBS RF Video Overlay)
Hitachi	AMN 1200 FTTP
	AMN 1220 FTTP
Motorola ⁽⁶⁾	FTTH BPON System
	FTTH GPON System (Non-Domestic Technical Acceptance expires on August 01, 2010.)
Occam Networks, Inc	FTTP Solution ⁽¹⁴⁾
PacketFront (Non-Domestic Technical Acceptance expires on April 30, 2009.)	BECS, SMT, HMT, SSP, ASR, and DRG ⁽²⁹⁾
Pannaway	Inteleflex 2.488 GPON FTTH Solution
ReadyLinks	RHINORing™ Product Family ⁽³⁴⁾
Telco Systems	Multi-Service Platform ⁽¹³⁾
Tellabs (Non-Domestic Technical Acceptance expires on September 30, 2009.)	1600 SFU ONT ⁽³⁰⁾
Wave7 Optics	Last Mile Link ⁽¹⁰⁾
	Trident7 OLT, Trident7 COLT, 800 ONT Series, and Trident7 Management Suite
	Trident7 200 ONT Series and Trident7 1300 ONT Series (Non-Domestic Technical Acceptance expires on July 15, 2010.)
Zhone Technologies	MALC GPON ⁽⁹⁾
See pages 5.1.3 and 5.1.4 for notes.	

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b – Multi Service Access			
Manufacturer	Product	Copper	Fiber
Actelis Networks	MetaLIGHT Platform ⁽¹⁷⁾	Y	N
ADC	PG-FlexPlus ⁽¹¹⁾	Y	N
ADTRAN	Access Equipment ⁽⁷⁾	Y	Y
	TA 1100 (Non-Domestic Technical Acceptance expires on May 19, 2010.)		
Alcatel-Lucent	Litespan-2000	Y	Y
	7300 ASAM	Y	N
	7330 ISAM	Y	Y
	AnyMedia	Y	N
	SLC Series 5 ⁽³⁾	Y	N
Alcatel-Lucent (AG Communications)	SLC-2000 Access System	Y	Y
Alcatel-Lucent (AG Communications)	SuperLine Access	Y	N
Allied Telesis	Multiservice Access Platform 7000 & 9000 Series ⁽¹⁵⁾	Y	Y
Calix	Calix C7 ⁽¹²⁾	Y	Y
Carrier Access	Adit 600 Platform	Y	N
Charles Industries	Dualine Plus ⁽¹⁾	Y	N
	HVDL 3.1	Y	N
Ciena	CN1000	Y	Y
Conklin Intracom	FlexAccess 9000 SDLC	Y	N
	FASTmux ADSL Mini-DSLAM		
	Model 2000		
ECI Telecom Ltd.	Hi-FOCuS ^{TM(22)}	Y	N
FibroLAN	MetroStar Systems ⁽³⁶⁾	Y	Y
Fujitsu	FLASHWAVE 4010	N	Y
	FLASHWAVE 4100	N	Y
General DataComm	SpectraComm Integrated Access ⁽³⁷⁾	Y	N
	Xedge Multiservice Packet Exchange ⁽³⁸⁾	Y	Y
General Bandwidth	G6 Access & Media Gateway	Y	Y
GoDigital	XCel-4 ^a	Y	N
	XCel-8	Y	N
	XCel-12	Y	N
Hatteras Networks	HN 4000/400 Platforms ⁽²³⁾	Y	N
Lucent Technologies	AnyMedia	Y	N
	SLC Series 5 ⁽³⁾	Y	N
	SLC-2000 Access System	Y	Y
	SuperLine Access	Y	N
Motorola	Multi-Service Unified Access Platform ⁽¹⁸⁾	Y	Y
See pages 5.1.3 and 5.1.4 for notes.			

b – Multi Service Access			
Manufacturer	Product	Copper	Fiber
Occam	BLC 1100	Y	Y
	BLC 1200 System	Y	Y
	BLC 6000 Platform ⁽¹⁴⁾	Y	Y
Pannaway	Service Convergence Network (SCN™) ⁽¹⁹⁾	Y	Y
	Inteleflex	Y	N
Pedestal Networks	UBS 2424	Y	N
	UBS 2450	Y	N
Pulsecom	S-24DU ⁽⁴⁾	Y	Y
	PSC Series 5 ⁽²⁾	Y	Y
Siemens Information and Communication Networks	Accession Integrated Access Platform	Y	Y
Telco Systems	EdgeGate VOIP Multi-Service Gateway ⁽¹³⁾	N	Y
	Multi-Service Platform ⁽¹³⁾	N	Y
	Gemini Ethernet Remote ADSL2+ DSLAM ⁽²⁷⁾	Y	N
Tellabs (Non-Domestic Technical Acceptance Expires on September 30, 2009.)	Tellabs@1000 series	Y	Y
	Tellabs@1020 multi-service Access System	Y	Y
Tellabs (Non-Domestic Technical Acceptance Expires on October 31, 2009.)	Tellabs@1100 Multi- Service Access System ⁽³¹⁾	Y	Y
Widearea US (Strowger) Technical Acceptance Expires on December 31, 2009.)	AER800 ADSL Loop Extender Series ⁽²⁵⁾	Y	N
World Wide Packet (Non-Domestic Technical Acceptance Expires on February 2, 2008.)	LighteningEdge ⁽³²⁾	Y	Y
Zhone Technologies	MALC ⁽⁹⁾	Y	Y
ZyXEL (Non-Domestic Technical Acceptance Expires on May 30, 2009.)	MSAP Products ⁽³³⁾		
See pages 5.1.3 and 5.1.4 for notes			

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c – BPL Systems	
Manufacturer	Product
CURRENT TECHNOLOGIES	BPL Product Family ⁽³⁵⁾

Notes:

1. Includes the DDL125, DDL135, DDL201, DDL205, DDL210, DDL221, and DDL237 only.
2. Includes the RT 596, RT5 192, RT 384, RT 576, and PSC Series 5 Fiber Kit.
3. Includes the SLC-2000 Multi-Services Distant Terminal and DDM-2000 FiberReach Narrowband Shelf.
4. Includes the S-24DU HUB.
5. The GranDSLam 4200 DSLAM includes the ReachDSL DSLAM and the ADSL DSLAM.
6. Includes the domestically accepted ONT1000 Optical Network Terminal, MDU, and AXS2200. Also, includes the non-domestic technically accepted AXS2200
7. Includes the Total Access (TA) 5006, TA 5000, TA 4303, TA 3050, TA 3000, TA 1500, TA 1200 DSLAM, TA 1000, TA 850, TA 750, MX3200 Series, MX3112, MX2820, MX2810, MX2800, MX400 Series, OPTI-6100, OPTI-3, and TRACER Series.
8. Includes Multiplexer Uplink Module, ADSL Access Multiplexer Module, SDSL Inverse Multiplexer Module, and T1 Access Multiplexer 1500.
9. Includes Raptor product line, all part numbers on MALC Broadband Loop Carrier Data Sheet dated: 2008/08/22 14:13:36, and ZNID-GPON-4210/4211/4213.
10. The Last Mile Link (LML) includes Last Mile Core (LMC), Last Mile Tap (LMT), Last Mile Mux (LMM), and Last Mile Gateway (LMG).
11. The PG-FlexPlus includes the COT, RT, Field Shelf, Edge RAM and Edge IAD.
12. This listing includes the FiberDrive OLT, Calix F5 OLT, Calix 400 Series ONTs, Calix 500 Series ONTs, Calix C7 OLT, Calix 700 Series ONTs, and IP DSLAMs: E5-110, E5-111, E5-120, E5-121.
13. This listing includes Models T5C-24F, T5C-24GT, T5-24G, T5C-24T, TC548T, GW-282, GW--282S, GW482S, and GW232.
14. This listing includes: ONT 2321, 2342, 2343, 2351, 2442, 2444, 2445; Blades 6150, 6151, 6152, 6214, 6244, 6246, 6252, 6312, 6314, 6322, 6640, 6440, 6450, and is supported by the Occam View Element Manager system over Occam's BLC 6000 platform.
15. This acceptance includes the 7101, 7102, 7400, 7700, 9100, 9400, 9700, and IMG 600 CPE.
16. The Alcatel Lucent 7340 FTTU System includes the 7340-H-ONT Home Optical Network Terminal, the 7340 P-OLT Packet Optical Line Terminal, the 7340 V-OLT Video Optical Line Terminal, and the 7340 AMS Access Management System.
17. This acceptance includes the 50, 100E, 150, 130, 1300 and 1500
18. Includes the following Quantum Bridge Communications' products: QB3000 OAS, QB5000 OAS (includes the Motorola ONT1000 Optical Network Terminal), QB622 IOT, and QB100 IOT; and the following Next Level Communications' products: BDT, BSAM, USAM, BNU, MDU, SSU, and N3 View-1 only; and the AXS2200.
19. Accepted the NMX-SS7, CCM, BAR-GE12, BAS-150, BAS-24, BAS-ADSL16R, BAS-ADSL32R, BAS-100BX24, BAS-ADSL48R, BAS-ADSL48R-SPL, BAS-POTS48R, RGN-ADSL, RGN 410 series, RGN 510 series, RGN 520 series, RGN 550 series, RGN 560 series, PBG-10/100TX, and RetroCAB (updated RSC/48 enclosure along with the BAS unit installed.)
20. Gigabit Ethernet Access Routers (GEAR) includes edgeGEAR, homeGEAR, bizGEAR, and mduGEAR.

21. FTTH Systems using IP signaling may not be able to complete loop back tests for leased line circuits, borrowers should consult the manufacturer for further details.
22. Acceptance is for Hi-FOCuS MiniRAM, MiniRAM Extension, Hi-FOCuS Micro, MiniSplitter, Remote Line Power (RLP) Feeder and Cabinet unit, Hi-FOCuS MiniCAB System, Hi-FOCuS MicroRAM 24V, Hi-FOCuS M41 & M82, Hi-FOCuS 16 Slot xDSL Splitter Shelf, and the OPS management systems.
23. This acceptance includes the HN 4000, HN-404 CP, HN-408-CP, HN-404 CO, HN-408-CO, HN-404 U, and HN-408-U.
24. Listed 1.2 GHz PON solution is expected to be changed out by late 11/2007, call RUS for details.
25. Includes the AER800-1P, AER800-2P, AER800-6P/8P-O, and the AER800-6P/8P-I only.
26. This listing includes 810 Series Transmitter, 82 Series EDFA, 800 Series FTTH HONU, SCD-4P54W, SWDT-2, and LMX-42.
27. Gemini Ethernet Remote ADSL2+ DSLAM
28. The Alcatel Lucent 7342 FTTU System includes the 7342 P-OLT, the 7342 H-ONT, 7342 Video Coupler (also referenced as WDM), and the 5526 AMS elements.
29. Includes ASR 4000 Series, ASR 4100 Series, ASR 4200 Series, ASR 4600 Series, ASR 4700 Series, DRG 200 Series, DRG 300 Series, DRG 500 Series, FTU, and CATV.
30. The following models are included in the series: 1600-610, 1600-610X, 1600-611, 1600-612, 1600-712, 1600-621, 1600-625, 1600-631, and 1600-641. The Tellabs 1000 requires a PON plug-in card and couple a set of common control cards functions as a BPON optical line terminal (OLT.)
31. Tellabs®1100 Multi-Service Access Platform (MSAP) is an IP-based solution that combines the Tellabs 1150 and 1134 common equipment, the Tellabs®1600 family of ONTs/MDUs, and the Tellabs® 1191/1090 Network Management System along with a host of 1150 ONUS and a Tellabs® 1100Voice Gateway to simultaneously support FTTC and FTTN with ADSL2+/VDSL2, and ITU-T G.984 GPON 2.4 applications.
32. Acceptance includes LE-38SFP, LE-42H, LE-46, LE-17, LE-46H, LE-307, LE-327, E-427, LE-310, LE-311, LE-311v, and LE-NS.
33. Includes IES5000 Series, IES5005 Series, 1E54248 IP DSLAM Series, VES4600 Series, P600 Series, P700 Series, and P800 Series.
34. Includes the Rhino ONT models, Rhino OSG models, Rhino GTO models, Rhino IPC models.
35. Includes Overhead Systems, URD Repeated Systems, URD Amplified Systems, MDU Systems, and miscellaneous equipment
36. Includes modules, S.CON, H.CON, F.CON, CTF, LTA, DLA, GTA, FALCON, ProxiMA, U.CON, GSM, FCxx, FETX, F.CON, mS.CON, CTF, GA10, and ATARA products.
37. Includes the SC1001, SC2000, SC5000, SC202, SCVF28.8, SC DUAL V.34, SC500A, SC521A/S, SC553, SC800T3, SC-SCM, SC5001, SC5520, SC5034, SC5553, SC5506, SC5516, SC SRM-6, SCM13, SC Blade Adapter, SAC/SAM, SCIP-T1, SCIP-DSL, SCES-9, SCES-18, SC-MR1, SC ADT-16, SC ADT-32, SC-SDT
38. Includes the XEDGE 6002, XEDGE 6645, XEDGE 6640, XEDGE 6280, XEDGE 6160, XEDGE MSPx, XEDGE PCx, XEDGE PCL, XEDGE ISG2, XEDGE ISG 3, XEDGE VSM, XEDGE CE, XEDGE CHFRC, XEDGE ETH, XEDGE FRC, XEDGE ECC2, XEDGE SMC, XEDGE ACP, XEDGE ACS, XEDGE XH, XEDGE XS, XEDGE XM, XEDGE CM, XEDGE SMM, XEDGE STM, XEDGE OC-N/STM-N LIM, XEDGE DAUI LIM, XEDGE QTLIM, XEDGE DS1-4CS LIM, XEDGE DS1-2CS LIM, XEDGE DS3-2CS LIM, XEDGE DS3-2C LIM, XEDGE E3-2C LIM, XEDGE E1-2CS LIM, XEDGE E1-4CS LIM, XEDGE DLIM, XEDGE DSLIM, XEDGE SSLIM, XEDGE DMLIM, XEDGE SMLIM, XEDGE LDSLIM, XEDGE LSSLIM, XEDGE DHLIM, XEDGE LDHLIM, XEDGE HSSI-DCE LIM, XEDGE HSSI-DTE LIM, XEDGE SI-2C LIM, XEDGE SI-4C LIM, XEDGE 155M-2 LIM, XEDGE 155I-2 LIM, XEDGE 155L-2 LIM, XEDGE 155M-APS LIM, XEDGE 155I-APS LIM, XEDGE 155L-APS LIM, XEDGE 155E-2 LIM, XEDGE LCE-16 LIM, XEDGE DSX1-IMA LIM, XEDGE E1-IMA LIM, XEDGE DSX1-IMA+ LIM, XEDGE E1-IMA+ LIM, XEDGE DSX1-8 IMA+ LIM, XEDGE E1-8 IMA+ LIM, XEDGE NTM-DS1 LIM, XEDGE NTM-E1 LIM, XEDGE PROSHERE