

## Point-to-Point

Manufacturer	Product Family	Unlicensed Frequency Bands							Licensed Frequency bands										Real World Performance Characteristics				Recommended Accessories						
		900 MHz	2.4 GHz	5.2 GHz	5.4 GHz	5.7/5.8 GHz	24 GHz	60 GHz	FSO	2.5 GHz	3.5 GHz	3.65 GHz	4.4 GHz DoD	4.8 GHz NATO	4.9 GHz	6 GHz	11 GHz	18 GHz	23 GHz	38 GHz	80 GHz	Max Distance	Max Usable Throughput	Data Type	Security/ Encryption	Power Supply	Surge Suppressor	Cable	Mount
Adtran	Tracer 6000		●			●																30 Miles	16 Mbps or 8 T1(s)	Ethernet + T1/E1	Symmetric 3DES	447538	304983	86672	Included
AVALAN	AW Series	●				●																20 Miles	1 Mbps	Ethernet + RS232	128 Bit AES/ Fips 140-2	Included	328809	498969	Included
BridgeWave	AR, GE, FE																					2-1/2 Miles	1.25 Gbps	Ethernet	256-bit key length AES	AC Included/ DC Opt	419899	498969	Included
BridgeWave	Flexport																					6 Miles	1.5 Gbps	Ethernet with Optional TDM	256-bit AES/ FIPS-Certified	313700 (DC Power Cable)	419899	Fiber or CAT6	Included
Canon	Canobeam DT																					1 Mile	1.25 Gbps	Ethernet	Laser Diode	AC Included/ DC Opt		Fiber or CAT6	458962
DragonWave	Horizon Compact																					30 Miles	400 Mbps	Native Ethernet	Compact Authentication	361708 (Install Kit)	391269, 391066, 381927	Included	
DragonWave	Horizon Compact Plus																					40 Miles	500 Mbps	Native Ethernet	Compact Authentication	Included			Included
DragonWave	Quantum																					30 Miles	1.6 Gbps	Native Ethernet	3 Level Authentication, Radius, SSL, SSH	Included	325276 (Install Kit)	395490, 355445, 365907	Included
EnGenius	Bridges		●			●																10 Miles	100 Mbps	Ethernet	128-Bit AES/ WPA2/ WEP	Included	328809	498969	Included
Exalt	ExtremeAir																					20 Miles	1 Gbps + 4 T1	Native Ethernet with Optional TDM	AES-128 & AES-256	Included	312396	498969	Included
Exalt	ExploreAir																					20 Miles	500 Mbps + 4 T1	Native Ethernet with Optional TDM	AES-128 & AES-256	369413	312396	498969	Included
Exalt	ExtendAir																					20 Miles	160 Mbps + 4 T1	Native Ethernet with Optional TDM	AES-128 & AES-256	398504	312396	498969	Included
Exalt	EX Series																					20 Miles	300 Mbps + 16 T1	Native Ethernet with Optional TDM	AES-128 & AES-256	398697	304983	86672	Included
Exalt	EX-I Series		●	●	●	●																20 Miles	200 Mbps + 16 T1	Native Ethernet with Optional TDM	AES-128 & AES-256	Included	304983	86672	Included
Firetide	FWB-200			●	●	●																5 Miles	150 Mbps	Ethernet	WPA2-PSK	Included	312396	498969	Included
Firetide	FWB-100		●	●	●	●																4 Miles	35 Mbps	Ethernet	WEP & AES-128	Included	312396	498969	Included
Cambium	PTP100		●	●	●	●																10 Miles	14 Mbps	Ethernet	DES (Std)/AES (opt)	371096	489338	461985	Included
Cambium	PTP200																					10 Miles	21 Mbps	Ethernet	DES	387556 & 357878	489338	461985	Included
Cambium	PTP300																					30 Miles	25 Mbps	Ethernet	256-Bit AES (opt)	Included	303744	461985	Included
Cambium	PTP500																					50 Miles	105 Mbps	Ethernet	256-Bit AES (opt)	Included	303744	461985	Included
Cambium	PTP600																					40 Miles	270 Mbps	Ethernet	256-Bit AES (opt)	Included	398800	461985	Included
Cambium	PTP800																					20 Miles	364 Mbps	Ethernet	Optional AES-128 or AES-256	317369 & 327488	307343	317211	Incl. w/ Antenna
RAD	Airmux-400		●	●	●	●																20 Miles	100 Mbps	TDD Ethernet with Optional TDM	128-Bit AES	353767	312396	498969	Included
Redline	RDL-5000		●	●	●	●																25 Miles	800 Mbps	Ethernet	Proprietary	389424 & 365314		Single Mode Fiber, ODC/LC Connector	Incl. w/ Antenna
Redline	RDL-3000																					50 Miles	100 Mbps	Ethernet	AES-128 AES-256 (opt)	352942 & 365314	382773	374243	328801, 378365, 348286
Redline	RDL-2000			●	●	●																30 Miles	200 Mbps	Ethernet	AES-128	Included	382773	374243	Included
Redline	AN80i																					45 Miles	90 Mbps	Ethernet	AES-128 (opt) AES-256 (opt)	352942 & 365314	382773	374243	352891, 342955, 354754
Solectek	Excel 250																					15 Miles	250 Mbps	Ethernet	128-Bit AES	Included		Cat5e or 6	Included
Solectek	Excel 100																					15 Miles	100 Mbps	Ethernet	128-Bit AES	Included		Cat5e or 6	Included
Solectek	Excel 50																					15 Miles	50 Mbps	Ethernet	128-Bit AES	Included		Cat5e or 6	Included
Solectek	LM Series																					30 Miles	600 Mbps	Ethernet + T1/E1	None				
Solectek	CM Series																					30 Miles	360 Mbps Full Duplex	Ethernet + T1/E1	None	Included		Cat5e or 6	Incl. w/ Antenna

