

PCE Systems	Supports up to 254 subscribers (Recommended 64 subscribers)
	Full Duplex data traffic
RF Specifications	Coax Impedance: 75 Ohm
	Up to 3280 ft (1000 meters) Coax distance between gateway and remote units
RF parameters	Standard Frequency range: 0 – 30MHz (by default)
	Max. output RF level: 110 dBμV
Interfaces	WAN: (1) 10/100 Mbps RJ45 port - BaseT
	LAN: 1 Female F-connector 3 10/100 Mbps RJ45 port - BaseT (optional)
Standards & Management:	
Standards	IEEE 802.11 b/g (optional), IEEE 802.3
	HomePlug AV 200 Mbps
Device Management	Web-Based – Internet Explorer v6 or later; Fire Fox, Netscape Navigator v6 or later; or other Java- enabled browsers.
	SNMP v.3
Wireless Distribution System (optional)	Router
	AP
	PTMP Bridge
	Repeater
Security	64, 128, 152-bit WEP
	802.1X (EAP-MD5, EAP-TLS, EAP-TTLS and EAP- PEAP)
	WPA —Wi-Fi Protected Access, WPA2
	MAC Address Access Control (WPA-TKIP and WPA-AES)
Media Access Control	CSMA/CA with ACK
Wireless Frequency Range	2.4GHz to 2.4835GHz
Wireless Signal Range*	Indoors: Up to 328 ft (100 meters)
	Outdoors: Up to 1312 ft (400 meters)
Modulation Technology	Orthogonal Frequency Division Multiplexing (OFDM)
	Complementary Code Keying (CCK)
	DQPSK
	DBPSK
Wireless Transmit Power	12dBm (32mW) ± 2dB (Control TX power level from full, 50%, 25%, 125% and min.)
Protocols	TCP/IP, PPPoE, DHCP, ICMP, SNTp
External Antenna Type	1.0dB Dipole with reverse SMA connector
LED's	RF Connection
	SYS (optional)
	WLAN (optional)
	LAN x 3 (optional)
	WAN
	LINK
Temperature	Operating: 32°F to 140°F (0°C to 40°C)
	Storing: 4°F to 149°F (-20°C to 65°C)
Humidity	95% maximum (non-condensing)
Power Input	Power Supply 100-240VAC 50-60HZ