



End-to-End Broadband Wireless Product Portfolio

Wireless planet offers the industry's most complete suite of outdoor broadband wireless access products. This portfolio includes:

Nova MR800-WPT's high speed point to point microwave product capable of operating in 6-18GHz licensed band with more than 600mbps aggregate throughout capacity.

EB-Link- 2.4/5.8GHz Cellular voice and data backhaul, up to 8xE1 with one Ethernet port

Pacolink-EVO - Carrier grade hybrid PTP data radio, up to 100Mbps with four Ethernet ports and support VLAN,QoS..

Marathon-a 1.4GHz ptp long-hual broadband microwave system is an ideal solution for industrial applications where fiber is not available.

WPT's PACOLINK_ASI series is a digital TV transportation stream distribution systems, offer a wide range of access frequencies in the 5 – 18 GHz band. Traffic capacity ranges up to 100 Mbps support 30 SD or 10 HD TV program channels transmission.

All PACOLINK systems are compact and lightweight, and consist of an antenna, an ODU (Outdoor transmitter/receiver Unit) and an IDU (Indoor modulator/demodulator Unit).

PACOLINK systems feature simple installation and fast rollout, and offer high-speed transmission, scalability for future network expansion, and cost-effective operation. To improve the efficiency, flexibility and overall performance of your network, go with PACOLINK from WPT.

Advantages & key features

- ✓ ASI Frame support ISO13818 and EN300 468
- ✓ Compact design, smaller than the most in its class
- ✓ 5~18GHz frequency band support
- ✓ High TX power radio
- ✓ Very high frequency stability ± 5 ppm
- ✓ Wide operating temperature range for ODU: -40 to +65°C*
- ✓ Up to 100Mbps, ASI+IP Capacity Occupation Auto Balance
- ✓ Received Signal Level (RSL) Monitoring
- ✓ Supports popular ITU-R standards and frequency recommendations

Wireless Planet is a pioneer of wireless component and systems that deliver multifarious services. From Wireless Gigabit Ethernet, Cellular Network Optimization, SATCOM BUC LNB and Wi-Fi – our various products are available through our channel networks.

PACOLINK PL100_ASI

Broadcasting grade studio to transmitter link with 5~18GHz
frequency support

PRODUCT SERIES	Pacolink Product Family		
PL100_ASI-5*	PL100_ASI,5.8GHz Microwave Link Series		
PL100_ASI-6U/L	PL100_ASI,6U/6LGHz Microwave Link Series		
PL100_ASI-07	PL100_ASI,7GHz Microwave Link Series		
PL100_ASI-08	PL100_ASI,8GHz Microwave Link Series		
PL100_ASI-10/11	PL100_ASI,10/11GHz Microwave Link Series		
PL100_ASI-13	PL100_ASI,13GHz Microwave Link Series		
PL100_ASI-15	PL100_ASI,15GHz Microwave Link Series		
PL100_ASI-18	PL100_ASI,18GHz Microwave Link Series		
RADIO & tRANSMISSION			
FREQUENCY BAND	Frequency Band(GHz)	Frequency Range(GHz)	T/R Spacing(MHz)
	5	5.725 – 5.840	65
	6U/L	5.925 – 7.110	160,170,252.04,300,340,350
	7	7.125 – 7.725	154,160,161,168,196,245
	8	7.9 – 8.5	119,126,208,266,311,32
	10/11	10.7 – 11.7	350,490,500,530
	13	12.75 – 13.25	266
	15	14.4 -15.4	315,420,475,490,640,644,728
	18	17.7 – 19.7	1008,1200,1232
CHANNEL BANDWIDTH	CEPT/ETSI:7,14,28MHz		
MAX TX POWER	27dBm		
Tx POWER CONTROL	1dBm Steps		
MAX RX SENSITIVITY	-84dBm		
MODULATION	QPSK,8PSK,16APSK,32APSK		
ERROR CORRECTION	FEC		
FREQUENCY STABILITY	±5ppm		
BRIDGING&DATA INTERFACCE			
TRAFFIC INTERFACES	10/100Base-T Ethernet(RJ45) + ASI		
ASI Frame Format	ISO13818 and EN300 468		
Throughput Capacity	105Mbps		
MANAGEMENT			
SNMP	SNMP V1 V2		
	WEBGUI,LCT		
SERIAL	RS-232 Port ,		
PHYSICAL			
DIMENSIONS	IDU: 482mm(W) x 44mm(H) x 246mm(L) ODU: 280mm(W) x 110mm(H) x 200mm(L)		
WEIGHT	IDU: ≤3Kg ODU: ≤3Kg		
POWER			
POWER INPUT	-48 VDC (EN 300 132-2)		
POWER COMSUMPTION	45W Max. (IDU + ODU)		
ENVIROMENT			
OPEARATING TEMPRETURE	IDU: ETS 300 019 Class 3.2 (-5 to +45°C) ODU: ETS 300 019-2-4 Class 4M5 (-45 to +65°C)		
RELATIVE HUMIDITY	up to 100% (non-condensing)		