

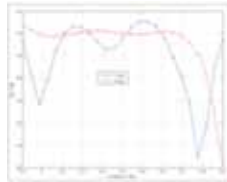
Point-to-Point Wireless Bridge Kit

Our complete wireless bridge kit package includes **EVERYTHING** you need to connect two locations together.

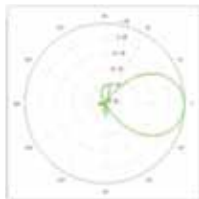


FEATURES

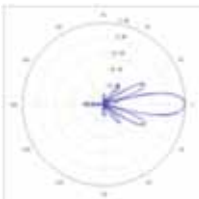
- » 150+ Mbps over 15km with line of sight.
- » Easy to setup and install.
- » Operates in extreme temperatures up to +80°C.
- » Contains full kit for immediate installation and use.



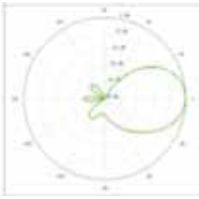
VSWR



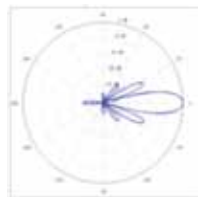
H-Pol Azimuth



H-Pol Elevation



V-Pol Azimuth



V-Pol Elevation

Operating Frequency 5470MHz - 5825MHz

5GHz TX POWER SPECIFICATIONS					CPU Platform			
11a	Data Rate	Avg. TX	Tolerance			Data Rate	Sensitivity	Tolerance
	6-24 Mbps	27 dBm	+/- 2dB			6-24 Mbps	-94 dBm min.	+/- 2dB
	36 Mbps	25 dBm	+/- 2dB			36 Mbps	-80 dBm	+/- 2dB
	48 Mbps	23 dBm	+/- 2dB			48 Mbps	-77 dBm	+/- 2dB
	54 Mbps	22 dBm	+/- 2dB			54 Mbps	-75 dBm	+/- 2dB
5GHz 11n	MCS0	27 dBm	+/- 2dB			MCS0	-96 dBm	+/- 2dB
	MCS1	27 dBm	+/- 2dB			MCS1	-95 dBm	+/- 2dB
	MCS2	27 dBm	+/- 2dB			MCS2	-92 dBm	+/- 2dB
	MCS3	27 dBm	+/- 2dB			MCS3	-90 dBm	+/- 2dB
	MCS4	26 dBm	+/- 2dB			MCS4	-86 dBm	+/- 2dB
	MCS5	24 dBm	+/- 2dB			MCS5	-83 dBm	+/- 2dB
	MCS6	22 dBm	+/- 2dB			MCS6	-77 dBm	+/- 2dB
	MCS7	21 dBm	+/- 2dB			MCS7	-74 dBm	+/- 2dB
	MCS8	27 dBm	+/- 2dB			MCS8	-95 dBm	+/- 2dB
	MCS9	27 dBm	+/- 2dB			MCS9	-93 dBm	+/- 2dB
	MCS10	27 dBm	+/- 2dB			MCS10	-90 dBm	+/- 2dB
	MCS11	27 dBm	+/- 2dB			MCS11	-87 dBm	+/- 2dB
	MCS12	26 dBm	+/- 2dB			MCS12	-84 dBm	+/- 2dB
	MCS13	24 dBm	+/- 2dB			MCS13	-79 dBm	+/- 2dB
	MCS14	22 dBm	+/- 2dB			MCS14	-78 dBm	+/- 2dB
	MCS15	21 dBm	+/- 2dB			MCS15	-75 dBm	+/- 2dB

TECH SPECS

Processor Specs — Atheros MIPS 24KC, 400MHz
Memory Information — 32MB SDRAM, 8MB Flash
Networking Interface — (2) 10/100BASE-TX (CAT5e, RJ-45) Ethernet Interface
Wireless Approvals — FCC Part 15.247, IC RS210
Shock and Vibration — ETSI300-019-1.4
Mounting Kit Pole — Included (with wall bolts and rawl plugs)
Max Power Consumption — 8 Watts
Power Supply — 15V, 0.8A surge protection integrated PoE adapter included
Power Method — Passive Power over Ethernet (pairs 4,5; 7,8 return)
Enclosure Characteristics — Outdoor UV stabilised plastic
Max VSWR — 1.6:1
Operating Temperature — -30 to +80°C
Operating Humidity — 5 to 95% Condensing
Frequency Range — 4.9-5.9 GHz
Dimensions — 29.4(H) x 8(W) x 3(D) cm
Weight — 0.4 kg

Integrated Antenna:
Frequency Range — 4.9-5.9 GHz
Gain — 14.6-16.1 dBi
Polarisation — Dual Linear
Cross-pol Isolation — 22dB minimum
Max VSWR — 1.6:1
H-pol Beamwidth — 43 deg.
V-pol Beamwidth — 41 deg.
Elevation Beamwidth — 15 deg.

Item

Code

Point-to-Point Wireless Bridge Kit

PTP-MIMO-150-15KIT