



NOTES

-- assumes you have DSL or Cable modem for internet backhaul. If using cellular 3G or Wimax 4G for backhaul contact us for antenna/ amplifier options. or see <http://www.rfwel.com/4g-data>

-- To extend range of Local WiFi contact us for WiFi booster amplifiers & high gain antennas.

Bill of Materials

ITEM	QTY.	PART NO.	DESCRIPTION
1	2	PA5823B01	23dBi 5.1-5.9GHz Panel Ant, 30W, 50Ω, N-Female
2	2	CABMISC	4FT RP-SMA/ N-Male LMR400 Eq. Low loss cable, 50Ω
3	2	EOC-5610	Engenius 802.11a/b/g bridge client/AP, 5GHz / 2.4GHz
4	1	xxxxx	EXISTING >>> Cellular/WiMax/WiFi Router
5	2	FMw4-YMST4	4'x1.75' Al Antenna Mast w/ 4" standoff wall mounts
6	1	CLSD205	Linksys 5 port 10/100 Switch

1 For shorter links use the integrated 13dBi 5.8GHz antenna or use EOR7550 dual radio solution. If no concern for 2.4GHz interference use integ'd 2.4Ghz antenna.

2 Range depends on number/ type of obstructions. Several hundreds of feet possible. Contact us for ultra long range bridging (several miles)

<p>1820 E. Ray Rd, Chandler, AZ, 85225, U.S.A www.rfwel.com 480.218.1877</p>	Bridging Remote Sites Using 2.4GHz or 5.8GHz PTP Bridge/ Antennas		
	WLAN Range Extension. Extend WiFi from DSL/Cable modem (or 3G/4G modem) up to 3000ft+ (range depends on line-of-sight, interference, cable losses etc). Contact us for proper link estimation at http://www.rfwel.com .		
DRAWN BY: RT (Engr) APPROVED BY:	SIZE	LIC NO AZ ROC# 253407	DWG NO BW-00000000
FREQ(s): 1.9GHz PCS, 2.4GHz ISM, 2.5GHz WiMax, 5.8GHz ISM	SCALE NO SCALE	FRN: 0018086041	REV 1A
		SHEET	1 OF 1