



NOTES

 -- If using cellular 3G backhaul contact us for antenna/ amplifier options. For other WiMax antennas see 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	CLMBR1000	CradlePoint MBR1000 Cellular Broadband Router
5	1	U300	[EXAMPLE] Sprint U300 3G/4G Cellular/WiMax Modem
6	1	INCADPTR	Inductive Coupled Antenna Adapter for USB Modem, FME-M
7	1	CLZYXEL_...	16dBi 2.5-2.7GHz WiMax Panel Ant, 20FT SMA-Male Cable
8	1	ADPSMFFMF	SMA-Female/ FME-female Adapter
9	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.

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

 1820 E. Ray Rd, Chandler, AZ, 85225, U.S.A www.rfwel.com 480.218.1877	Bridging Remote Sites Using 5.8GHz PTP Bridge		
	WLAN Range Extension Incl. WWAN from Cellular 3G or WiMax 4G		
DRAWN BY: RT (Engr) APPROVED BY:	SIZE LIC NO AZ ROC# 253407	DWG NO BW-00000000	REV 1A
FREQ(s): 1.9GHz PCS, 2.4GHz ISM, 2.5GHz WiMax, 5.8GHz ISM	SCALE NO SCALE	FRN: 0018086041	SHEET 1 OF 1