


Overcoming weak indoor signal strength for Cellular/WiMax 3G/4G CPE Modems using Amplifier & High Gain Directional Antennas

To learn more about other solutions and variation to extend your data coverage contact us or checkout www.rfwel.com/kc to learn more.

 Contact us for assistance with RF link budget analysis if unsure why your speed or received signals strength still hasn't improved.

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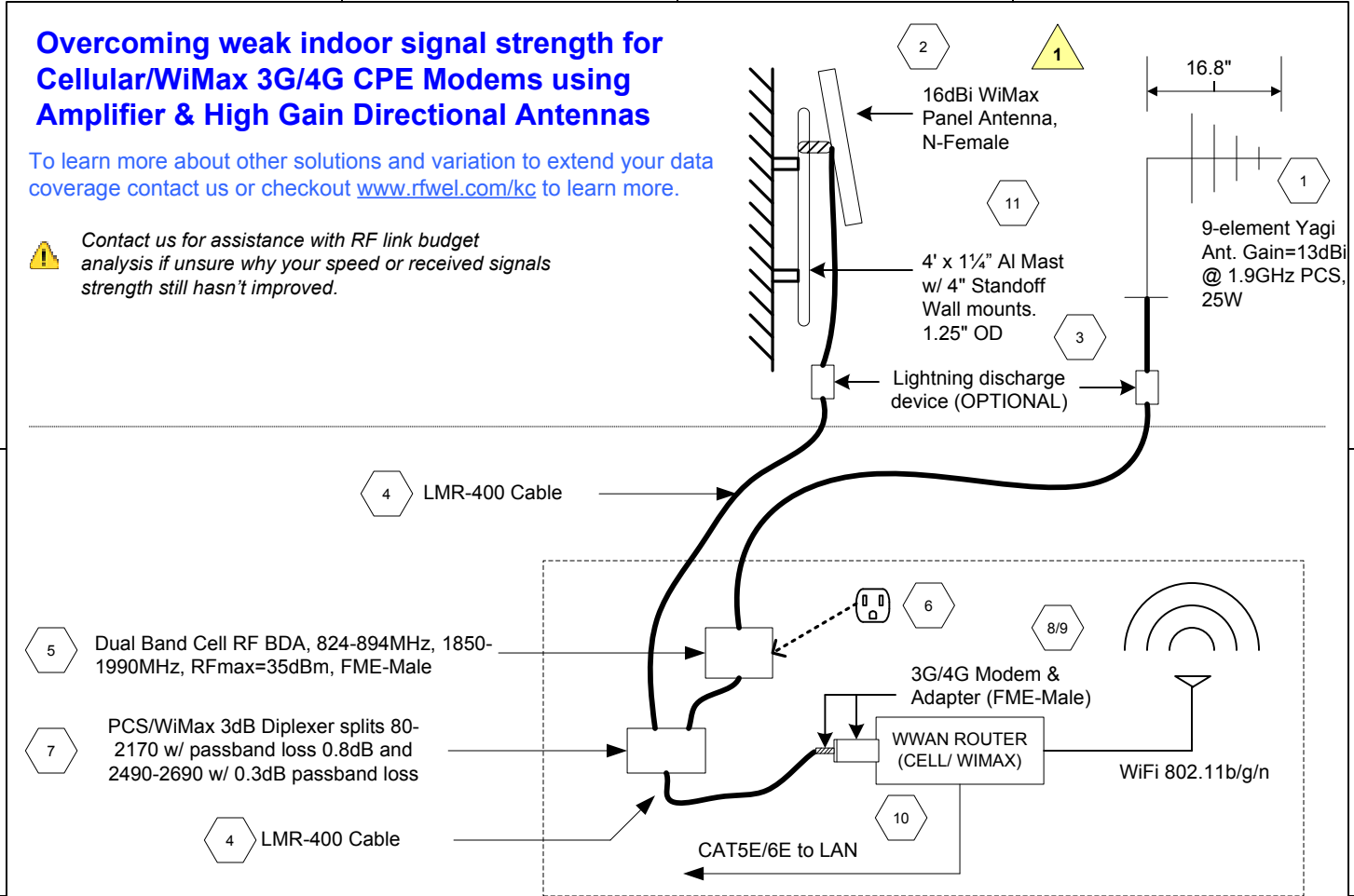
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ITEM	QTY.	PART NO.	DESCRIPTION
1	1	CL301124	Cellular 13dBi, 1800-1990 MHz Yagi Antenna, N-Female
2	1	ARC-PA2516B01	WiMax 16dBi, 2500-2700 MHz Panel Antenna, N-Female
3	2	CL859902	Lightning surge protector DC-3GHz, IL<0.2dB, N-Female
4	5	952310	10' LMR-400 low loss coaxial cable, Att<0.1dB, N-male
5	1	CL811201	Direct connect dualband amp, FME-Male, incl. FME-Fem adpdt
6	1	CL859903	AC/DC 12V Power Supply Adapter
7	1	BK-67N	PCS/WiMax 2-way 3dB diplexer, N-Female
8	2	CL971107	N-Female/ FME-Female Adapter
9	1	INDCADPTR	Universal inductive-coupled antenna adapter, FME-Male
10	1	MBR1000	CradlePoint MBR1000 3G/4G Router
11	1	FMW4-YMST4	4' x 1.25' Al mast w/ 2x 4" standoff wall mounts

 Allow at least a 1ft separation distance between the two antennas



Radio Frequency Wireless Electronics

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Boosting Clearwire, Sprint-4G Cellular/WiMax Signals for Indoor propagation.

Direct Connect Dual-band Cellular Amplifier, Directional Cellular Yagi & WiMax Panels, 2-way Diplexer & Cellular/WiMax WWAN Router.

DRAWN BY: RT (Engr)	SIZE	LIC NO	DWG NO	REV
APPROVED BY:		AZ ROC # 253407	BW-00000000	1A
FREQ(s): 1.9 GHz PCS, 2.6 GHz WiMax	SCALE	NO SCALE	FRN: 0018086041	SHEET
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