

WilsonPro 5100-6 Frequency Optimizer

2100 MHz (BAND 1) / 1800 MHz (BAND 3) / 900 MHz (BAND 8)

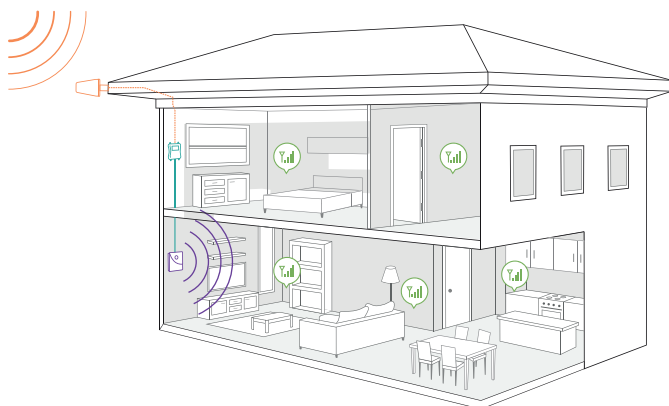
FEATURES

- Enhances 4G LTE & 3G signals for large homes and offices
- Coverage area up to 1,000 m²
- For multiple devices and users
- Works on ALL cellular devices with ALL carriers simultaneously
- Enhances talk, text, and high-speed 4G LTE internet

About

The **WilsonPro 5100-6 Frequency Optimizer** is a powerful 4G in-building signal enhancer. WilsonPro 5100-6 is professional grade, allowing users to get better voice and data with fewer dropped calls, improved voice quality, faster uploads and downloads. This optimizer enhances 4G LTE and 3G signals for buildings up to 1,000 m². All optimizers come with a 1-year warranty.

Installation



LTE FASTEST NETWORK SPEEDS

UP TO 1,000 m² COVERAGE

UP TO +70 dB GAIN

MULTI-USER WIRELESS OPTIMIZER

Kit Includes



WilsonPro 5100-6 Frequency Optimizer



Power Supply (2D9116)

Specifications

MODEL NUMBER	510006	
FREQUENCIES	Band 1	2100 MHz
	Band 3	1800 MHz
	Band 8	900 MHz
MAX GAIN	74 dB (B1) / 74dB (B3) / 66dB (B8)	
IMPEDANCE	50 Ohm	
POWER	5.5V DC, 1.5A	
CONNECTORS	N-Female	
NOISE FIGURE	5dB nominal	
DIMENSIONS	8.75 x 6.375 x 1.5 in / 22 x 16 x 3.8 cm	

Specifications (Extended)

510006	Units	2100MHz Band (Band 1)		1800MHz Band (Band 3)		900MHz Band (Band 8)		
		Uplink	Downlink	Uplink	Downlink	Uplink	Downlink	
	MHz	Max	1980	2170	1785	1880	915	960
		Min	1920	2110	1710	1805	880	925
Gain at maximum setting	dB	Max	85	85	85	85	80	80
		Min	60	60	60	60	55	55
Gain at nominal setting	dB	Nominal	74	74	74	74	66	66
Gain at minimum setting	dB	Max	30	30	30	30	25	25
		Min	0	0	0	0	-5	-5
Gain Slope	dB	Max pk to pk	16	16	20	20	16	16
Down Link Output Power at Max setting	dBm	Max	-	25	-	25	-	25
		Min	-	-5	-	-5	-	-5
Up Link Output Power at Max setting	dBm	Max	30	-	30	-	30	-
		Min	0	-	0	-	0	-
Connector Types	-	Uplink	N female 50 Ohm					
		Downlink	N female 50 Ohm					
DC Power Requirement	VDC	Max	5.5					
		Min	5					
Current Draw at 5.5V	VDC	Max	4					
Power Supply Connector Type	-		2.5mm					
Dimension	cm		22 x 16 x 3.8					
Weight	kg		1.55					