

Enterprise 1398E

SKU: 462072 / 463072

FEATURES

- Optimizes mid-band 5G (3.40 - 3.80 GHz) in any building.
- After configuration, the Time Division Duplex (TDD) modem automatically syncs to the carrier network.
- Support for Full 2x2 MIMO with 200MHz per path.
- Network Scanning for real-time measurements of cell signal.
- Ethernet WilsonPro Cloud access for remote functionality.
- Install as a standalone unit or add-on to existing WilsonPro systems.
- XDR technology to virtually eliminate shutdown or signal loss.
- Color LCD touchscreen for assessing amplifier performance and viewing amplifier configuration.
- Compatible with ALL C-Band Capable phones/cellular devices, on all carriers.



WALL MOUNT OPTION
(Amp Only 462072)



RACK MOUNT OPTION
(Amp Only 463072)

About

The **Enterprise 1398E** is the newest C-band 5G amplifier solution from WilsonPro. The enterprise-grade amplifier is compatible with the mid-band 5G frequency operating at 3.40 - 3.80 GHz and is an excellent upgrade for existing WilsonPro systems to support additional 5G coverage. After configuring the Enterprise 1398E's TDD modem, it will automatically synchronize, instantly amplifying the C-band signal and requires no additional backhaul to extend 5G right away. With included SDF, you target a specific network to amplify. The Enterprise 1398E provides dual paths, supporting 2x2 MIMO (200MHz). Alternatively, each path can be configured to amplify different frequencies (providing 400 MHz total bandwidth). The amplifier requires indoor and outdoor C-band antennas and 50-ohm coaxial cable with N-type connectors. Fits a standard (2U) rack. Carrier approval is required to operate this repeater.

Specifications

MODEL NUMBER	460072 / 461072
FREQUENCY	3400-3800 MHz
MIMO CAPABILITY	2x2
BANDWIDTH	200 MHz per path
MAX GAIN	80 dB
MAX UPLINK POWER	2 x 26 dBm
MAX DOWNLINK POWER	2 x 26 dBm
NOISE FIGURE	5 dB Nominal
ISOLATION	>90 dB
IMPEDANCE	50 Ohm

Detailed Specifications

MODEL NUMBER	460072 / 461072
CONNECTORS	N-Connectors
AMPLIFIER DIMENSIONS	9 x 47 x 34cm
AMPLIFIER WEIGHT	8.3 kg
ANTENNA IMPEDANCE	50 Ohms
POWER OUTPUT (Uplink) dBm (2 Ports)	26
POWER OUTPUT (Downlink) dBm (2 Ports)	26
POWER REQUIREMENTS	120-240VAC / 50..60Hz / 0.4..0.8A

Each Signal Amplifier is individually tested and factory set to ensure CE compliance. The Signal Amplifier cannot be adjusted without factory reprogramming or disabling the hardware. The Signal Amplifier will amplify, but not alter incoming and outgoing signals in order to increase coverage of authorized frequency bands only. If the Signal Amplifier is not in use for five minutes, it will reduce gain until a signal is detected. If a detected signal is too high in a frequency band, or if the Signal Amplifier detects an oscillation, the Signal Amplifier will automatically turn the power off on that band. For a detected oscillation the Signal Amplifier will automatically resume normal operation after a minimum of 1 minute. After 5 (five) such automatic restarts, any problematic bands are permanently shut off until the Signal Amplifier has been manually restarted by momentarily removing power from the Signal Amplifier. Noise power, gain, and linearity are maintained by the Signal Amplifier's microprocessor.

The Manufacturer's rated output power of this equipment is for single carrier operation. For situations when multiple carrier signals are present, the rating would have to be reduced by 3.1 dB, especially where the output signal is re-radiated and can cause interference to adjacent band users. This power reduction is to be by means of input power or gain reduction and not by an attenuator at the output of the device.

ASSEMBLED IN THE USA



Variations



SKU	462072
CONTENTS	Amp only
PACKAGE L/W/H/WEIGHT	70 / 15.8 / 46 / 10.5 kg SHIPS IN ONE BOX
	8 10005 96549 1



SKU	463072
CONTENTS	Amp only
PACKAGE L/W/H/WEIGHT	70 / 15.8 / 46 / 10.6 kg SHIPS IN ONE BOX
	8 10005 96550 7

FOR PARTNER'S USE

Support



3 YEAR WARRANTY FROM PURCHASE

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