



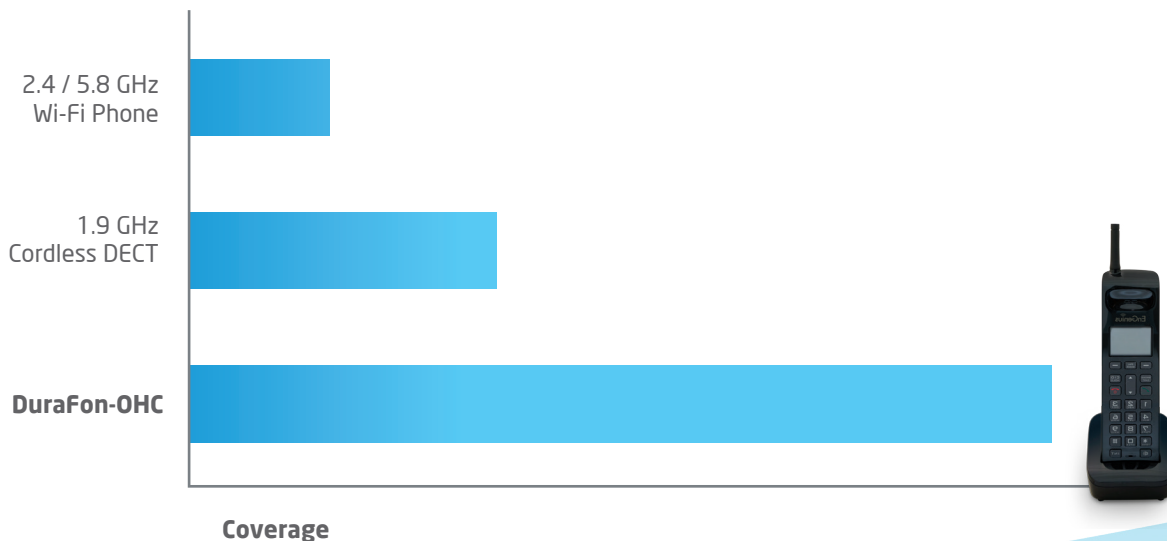
Key Features

- + Range up to: 12 floors (office), or 250,000 sq. ft. (retail)
- + Speakerphone in handset
- + 2-Way handset-to-handset communication, independent of base station
- + 2.5 mm headset port
- + 50 hours stand by time
- + Up to 6 hours of talk time
- + Sleek design
- + Signal range that greatly exceeds DECT or Wi-Fi phones.

Long-Range Office Cordless Phone Handset

Immediate workplace and large property mobility with unmatched wireless coverage with easy set up and usability.

The EnGenius DuraFon-OHC is a long-range, office style, cordless phone and two-way radio handset. With a range up to: 12 floors, or 250,000 sq. ft. This office version is compatible with and provides the same long range function as the rugged EnGenius DuraFon 1X or PRO handsets. The DuraFon-OHC is ideal for expansive properties such as hotels and resorts, schools, retail locations, or administrative offices. This stylish handset works with either the 4-line DuraFon PRO, or single-line DuraFon 1X base station. From one up to ninety handsets can be supported on DuraFon systems, making them excellent choices for organizations with mobile personnel. The DuraFon-OHC handset provides a stylish, long range, wireless extension with a stand-alone DuraFon base unit or behind an (IP) PBX.





Technical Specifications

Electrical Specifications

902 - 928 MHz Frequency

RF Power

Peak: 708mW

Average: 80mW

200 kHz Channel Spacing

Number of Channels: 128

MSK Modulation

Freq. Hopping TDMA

Freq. Hopping Rate: 100 per second

TDMA Frame Length: 10ms

Number of Slots / Frames: 2

Number of Users/Carrier: 1

Receiver Sensitivity < -108 dBm (@ BER 10-2)

Antenna Connector

Connector: Non-standard

Antenna Gain: 2 dBi (Long) / 0.5 dBi (Low Profile)

Antenna Gain

Base Unit: 2 dBi Standard Dipole Antenna

3 dBi Indoor external Antenna Option

6 dBi External Outdoor Antenna

Handset: 2 dBi Tall Handset Antenna

0.5 dBi Low Profile Antenna

TX Power Control Range: 100- 708 mW

Telephone Interface: N/A

Speech Coding: 8 kbps G.729A

Channel Coding: 8 kbps Convolutional + CRC

Transmission Data Rate: 170.678 kbps

User Data Rate: 128 kbps duplex

Time Division Duplex (TDD)

TIA / EIA -470B Voice Quality

Number of System ID: 65,536

Auto-Attendant Coding: 8 kbps G.729

Power Source

3.7V, 1100 mAh Li-Ion Battery

Charger Current: 500 mA

4 Hours (from empty) Charge Time

Environment & Mechanical

Regulation Compliance

FCC Part 15 B/C, IC

Temperature Range

Operating: 14 to 140°F / -10 to 60°C

Storage: 14 to 158°F / -10 to 70 °C

Humidity (non-condensing)

20% to 75%

Dimensions

1.8" x 1.3" x 7.6" (58 x 31 x 161 mm)

Weight

Handset: 0.29lbs

Package Contents

DuraFon-OHC Handset

Desktop Charger

AC Adapter

Belt Clip

Battery

Long Antenna

Quick Install Guide

Warranty Card

Need Help Sheet

CD with User Manual