



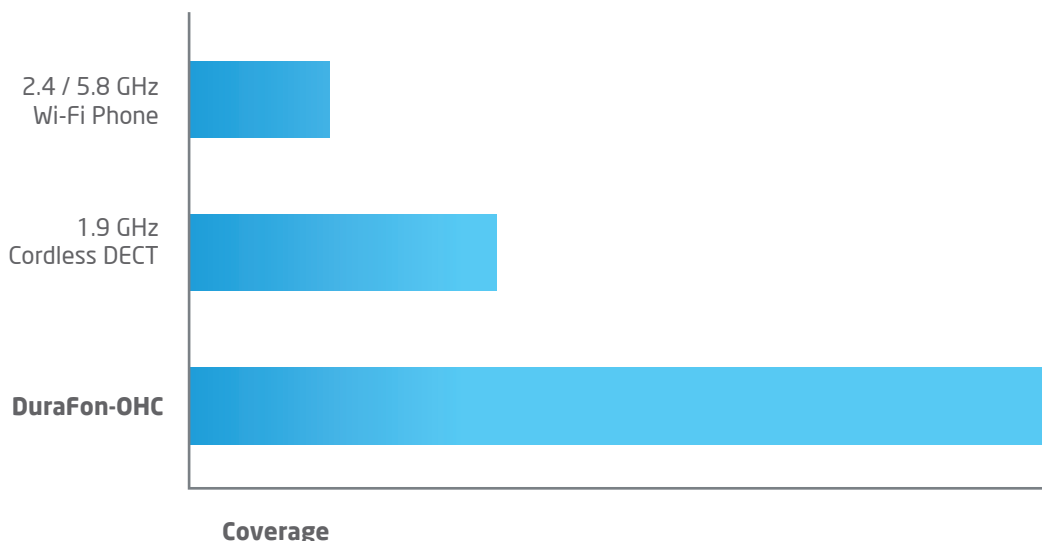
Key Features

- + 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



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Actual signal range may vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment, and mix of devices in the network. Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. For United States of America: Copyright © 2013 EnGenius Technologies, Inc. All rights reserved.