

# Spectralink External Antenna

Extend Your DECT Solution to Cover Larger Areas



The Spectralink External Antenna can help create a more stable link between the Spectralink IP-DECT Server 400, Spectralink IP-DECT Base Station and Spectralink Repeater (sync over the air).

Moreover, the external antenna can extend the coverage area of the Spectralink IP-DECT Server 400 and Spectralink Base Stations. This can be useful to create coverage in special building structures such as elevator shafts, long waking areas, staircases and freezer compartments. The antenna can also be used for deployment in areas with fire-cells and/or metal doors in order to create better penetration of from one cell to another.

The Spectralink External Antenna is the only external antenna approved to be used with the following products:

- Spectralink IP-DECT Server 400
- Spectralink IP-DECT Base Station
- Spectralink DECT Repeater

## BENEFITS

- Create a more stable link between your DECT infrastructure elements
- Expand coverage
- Create coverage in special building structures
- Automatic configuration when connected to external antenna

## Configuration

Spectralink devices with external antenna option are automatically configured when the external antenna is connected. Please find more information in relevant configuration guides at [www.support.spectralink.com](http://www.support.spectralink.com).

## SPECIFICATIONS

### ELECTRICAL PROPERTIES

- Frequency range: 1880-1930 MHz
- Impedence: 50  $\Omega$  (DC-path to ground)
- Polarization: RHCP
- Gain: 7.5 - 8.0 dBi
- 3 dB beamwidth horizontal: > 62°
- 3 dB beamwidth vertical: > 62°
- Front to back ratio: > 8 dB
- Return loss: < 15 dB
- Connector: SMB male

### ENVIRONMENTAL CONDITIONS

- Operating temperature: -4° - 131° F (-20° - 55° C)
- Storage temperature: -40° - 185° F (-40° - 85° C)

### PHYSICAL CHARACTERISTICS

- Size: 4 x 4 x 1.7 in. (100 x 100 x 42 mm)
- Weight: 4.2 oz. (120 g.)
- Only for indoor usage
- Accessories: Cables available in both 3 and 7,5 meters

### Learn More

Learn what Spectralink wireless telephones can do for your organization. Visit us at [spectralink.com](http://spectralink.com) or contact your Spectralink representative.