



DESCRIPTION

A repeater is used to extend and create coverage in areas where it is not suitable for a normal base station. The repeater does not extend the capacity of the system.

Repeaters are available in different versions such as single cell or multi cell versions and with 2 or 4 speech channels.

TECHNICAL DATA

System Capacity without External Antenna

- Max. number of speech channels: 2 or 4
- Circular coverage area: Typical range indoor: 20-50 m, outdoor: 300 m

System Capacity with External Antenna

- Max. number of speech channels: 2 or 4
- Distance from base station to repeater with external antenna: Up to max. 1,500 m.

Radio Interface

- DECT Radio (full slot)
- Average transmit power: typical 10mW/ch. (EU DECT)
- Peak transmit power: typical 250mW (EU DECT)
- Receiver sensitivity: typical -90 dBm.
- Frequency Bands available: EU DECT (1880-1900 MHz)

Radio Approvals

- EN 301 406 V1.5.1 (EU DECT)

EMC Approvals (Regulatory EU DECT Standards)

- EN 301 489-1
- EN 301 489-6

Safety (Regulatory Standards)

- EN 60950-1: 2006

Environmental Conditions of the Installation Area

- Relative humidity: Between 20% and 80% (non-condensing)
- Temperature range: Between 0°C and +55°C / 32°F and 131°F.
- The equipment is in compliance with the requirements of EU directive 2002/95/EC (ROHS) and 2002/96/EC (WEEE)

Electrical Requirements

- Power consumption: 1.62W (Max. 2W)
- Power supply 9VDC, 180mA.

Physical Characteristics

- Size (WxHxD) 100 x 100 x 30 mm)
- Weight: 112.9 g.
- Grey-white (NCS 0502-Y)
- Wall-mountable, indoor

Singel Cell Repeaters:

- 2 channels: WRFP 2S (024 403 01)
- 4 channels: WRFP 4S (023 346 11)

Multi Cell Repeaters:

- 2 channels: WRFP-2M (023 33 31Q)
- 4 channels: WRFP-4M (023 346 21)