Indoor right hand circularly polarized Patch Antenna for mounting on Wall or Ceiling

- Low-profile antenna for the 1880-1900 MHz band
- A right hand circularly polarized patch antenna for indoor use
- Circular polarization is chosen to avoid out-of-phase signals
- Specially designed for closed rooms
- Covers the DECT frequency range 1880-1900 MHz with a radiation of approximately 5 dBi of 3 dBi
- Full size 2π circular patch antenna
- The antenna is carefully sealed with a discreet white cover
- The connector is placed at one side to enable mounting close to a wall or ceiling

### Ordering Options

<table>
<thead>
<tr>
<th>Type</th>
<th>Connector Location</th>
<th>Frequency Range</th>
<th>Product Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCPI-DECT</td>
<td>Side Connector</td>
<td>1880-1900 MHz</td>
<td>100000158</td>
</tr>
</tbody>
</table>

### Electrical Characteristics

- **Frequency Range**: 1880-1900 MHz
- **Polarization**: Circular
- **Half Power Beamwidth - H-Plane**: Approx. 70°
- **Half Power Beamwidth - E-Plane**: Approx. 70°
- **Gain**: Approx. 5.0 dBi, 3 dBi ± 2 dB
- **Impedance**: Nom. 50Ω
- **SWR**: ≤ 1.5 f.res.
- **Intermodulation**: Not Rated
- **Maximum Input Power**: 50 Watts
- **Connector**: N-Type Female

### Mechanical Characteristics

- **Dimensions (approximate)**: Length: 104 mm (4.1 in), Width: 104 mm (4.1 in), Height: 40 mm (1.6 in)
- **Weight (approximate)**: 0.2 kg (0.4 lbs)
- **Colour**: Marine White
- **Materials**
  - Cover: PS
  - Chassis: Aluminium
- **Mounting**: For mounting on wall or ceiling, Ø4.5 x 10 mm (0.2 x 0.4 in), Four holes.

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.
Indoor Patch Antenna for Wall or Ceiling Mount

PCPI-DECT
1-Band | 1-Port | Patch Antenna | Right Hand Circular Polarization | 70° | 1880-1900 MHz | 5.0 dBi | SISO | Indoor

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