

Mono band DECT P1x1



Mono band DECT antenna professional use for in- and outdoor

Professional 1.88-1.9 GHz sector antenna for indoor and outdoor use. Designed for precise coverage of shopfloor, warehouses, production areas, high-rack storage facilities, etc. The antenna array is designed for DECT and DECT NR+ with two polarization planes – horizontal and vertical – and can be operated with an access point or a modem that has at least one antenna output port. The vertical stacking of two patch elements each focuses the radiation pattern in the elevation – top to bottom. The two polarization planes provides two different transmission paths for the radio signals in each area.

To achieve an IP64 rating, the standard sockets must be connected to standard plugs with rubber gaskets. A built-in pressure element prevents condensation from entering during significant temperature fluctuations. The antenna system can be screwed to a wall using the mount brackets. The included stainless steel mounting brackets are required for mounting on a mast.

Main features:

- Polarization horizontal and vertical
- Connector: 1x N socket
- IP classification: IP64 with sealed plugs
- Maximal power: 2 watts

Mono band DECT P1x1 spezifikation

TECHNICAL DATA

TYPE	1x1 patch group
FREQUENCY	1.88-1.9 GHz $\pm$ 20 MHz
POLARIZATION	horizontal und vertical
ANTENNA GAIN	10.5 dBi
ANTENNA ANGLE	Azimut: $\sim 75^\circ$, Elevation: $\sim 37.5^\circ$
SOCKET	1x N socket
HOUSING	ABS (L320 ISO 2580-ABS) w/ pressure element
COLOR	RAL 9002
SEAL	TPE
HOUSING DIMENSIONS WO/ SOCKETS	250 x 180 x 60 mm
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WEIGHT W/ MOUNTING PLATE / BRACKETS	1,100 gramms
IP- CLASSIFICATION	IP64 w/ closed sockets
ANTENNA MATERIAL	Aluminum
DIRECTION OF MOUNTING	Antenna sockets faced down
MAXIMUM RF-POWER (PEP)	2 watts
The mounting hardware allows the antenna to be tilted up to approximately 65°	

