CA Q 13

Planar Antenna

Order # 724.408

Features

- Polarisation, linear vertical
- With N (HF) socket
- Triple band 2.4 / 5.2 / 5.8 MHz
- Suitable for remote wall mounting
- Supplied with wall mounting material

Applications

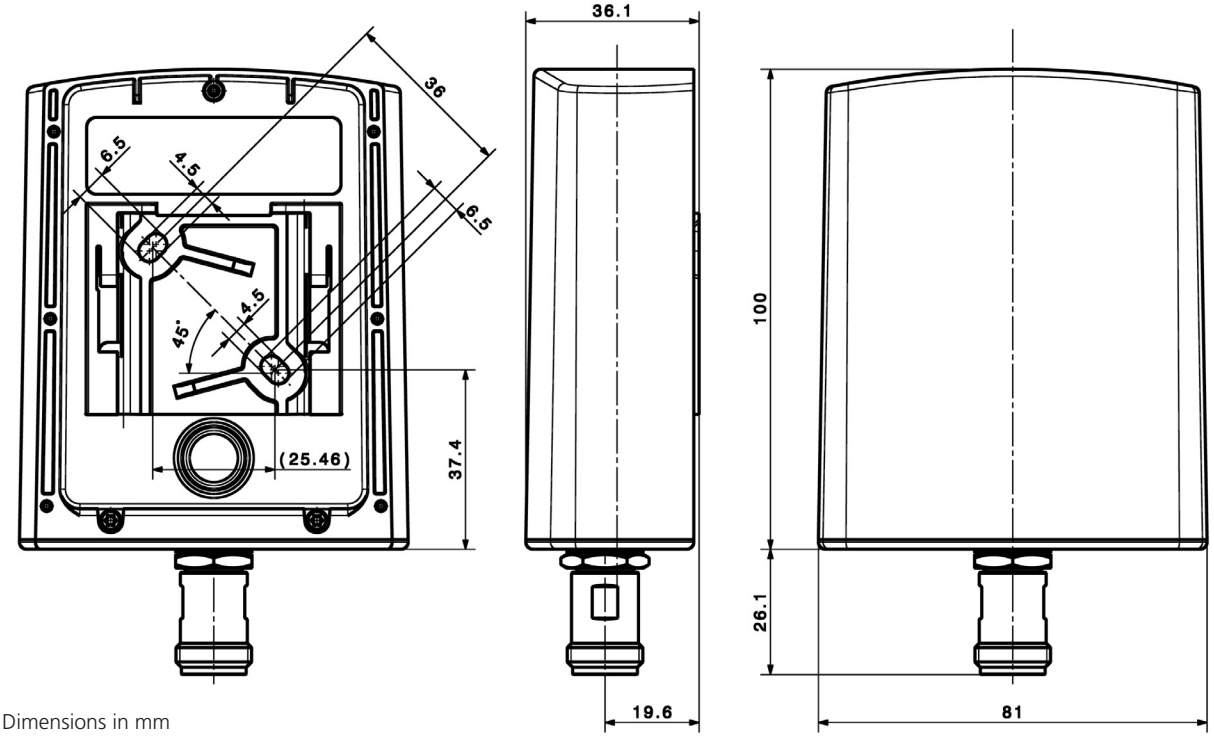
The CA Q 13 planar antenna is fitted with an N(HF) socket and is suitable for remote mounting. The antenna can be mounted with the supplied wall mounting. If required, the antenna can be painted with a colour containing no metal.

Accesssories

CA Q 62 Antenna mounting kit , 3/8",
for stand mounting . . . . . Order # 724.777

CA Q 63 Antenna holder with ball joint,
for mouting to a wall or tube . . . . Order # 724.785

Dimensions



Dimensions in mm

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CA Q 13

Technical Specifications

Electrical Data

Frequency (MHz)	Band 1	Band 2
	2400 - 2500	5150 - 5875
VSWR	2	2
Gain (dBi)	9	9
3 dB beamwidth (h) (°)	75	55
3 dB beamwidth (v) (°)	55	55
Front to back ratio (dB)	15	15
Vertical electrical tilt (°)	0	0
Isolation between ports (dB)	25	25

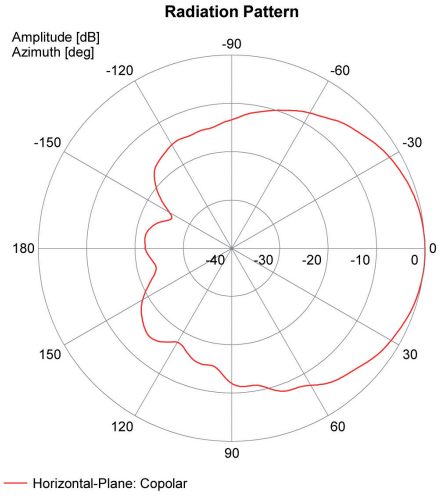
Architect's Specifications

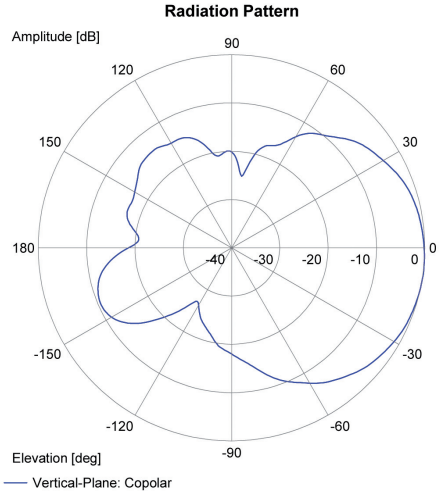
Planar antenna for Quinta CU. Triple band 2.4 / 5.2 / 5.8 GHz with N(HF) socket. Supplied with wall mount. Gain 9 dBi. Impedance 50 ohms. Colour RAL 7044 (grey). New painting possible with colour that contains no metal.

Manufacturer: beyerdynamic
Type: CA Q 13

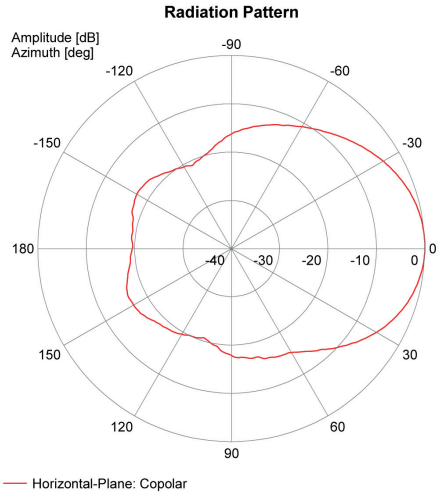
Polar Pattern

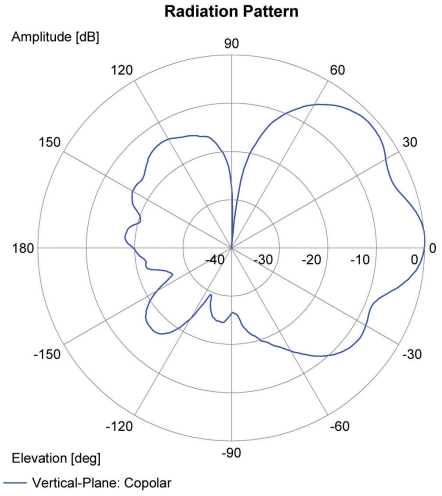
2450 MHz





5850 MHz





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Technical Specifications

General Data

Impedance . . . . . 50 Ω
Polarisation . . . . . vertical
Connector . . . . . N jack (female), bottom
Max. power . . . . . 10 W at 25 °C

Mechanical Data

Dimensions . . . . . 101 x 80 x 35 mm
Weight . . . . . 0.11 kg
Windload, frontal . . . . . 15 N at 160 km/h
Mast diameter . . . . . 40 - 60 mm
Mounting material (included) . . . . . Wall mounting material
Material . . . . . Lexan EXL 9330

Environmental Data

Environmental conditions . . . . . Outdoor
Operation temperature . . . . . -40 to +80 °C
Storage temperature . . . . . -40 to +80 °C
Transport temperature . . . . . -40 to +80 °C
IP Rating . . . . . IP 67
Lead-free soldered . . . . . yes
compliant to RoHS 2002/95/EC

Material Data

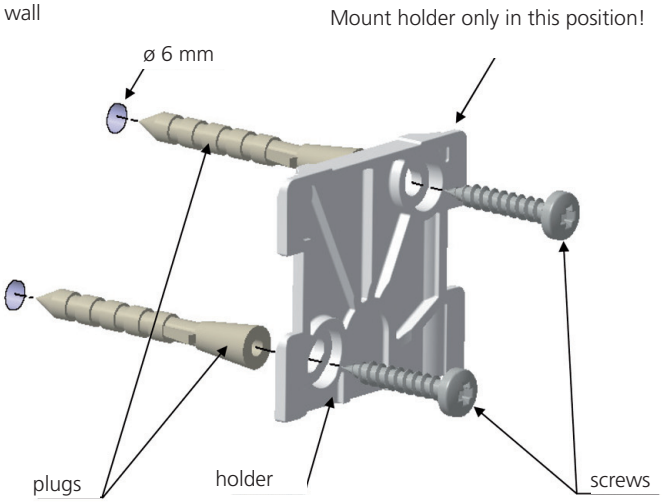
Colour . . . . . RAL 7044 (grey)
Material . . . . . PC

Mounting

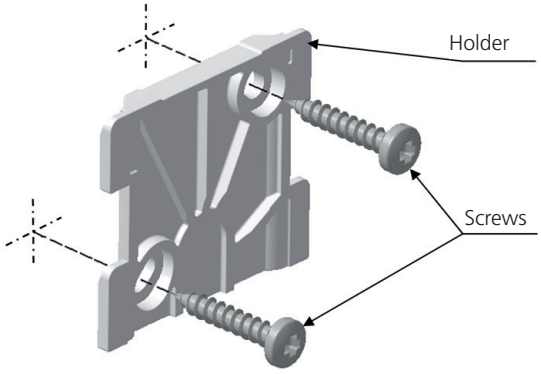
Keep away from catenary and high voltage lines.
Be careful when working at height!
Always secure ladders!
Always tighten screws!

Step 1
Mount the holder on the wall (screws and plugs are included)

a) Mounting with plugs



b) Mounting without plugs



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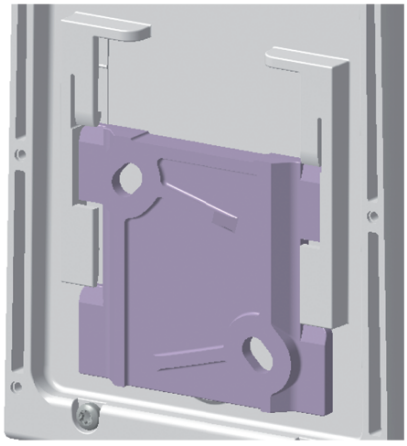
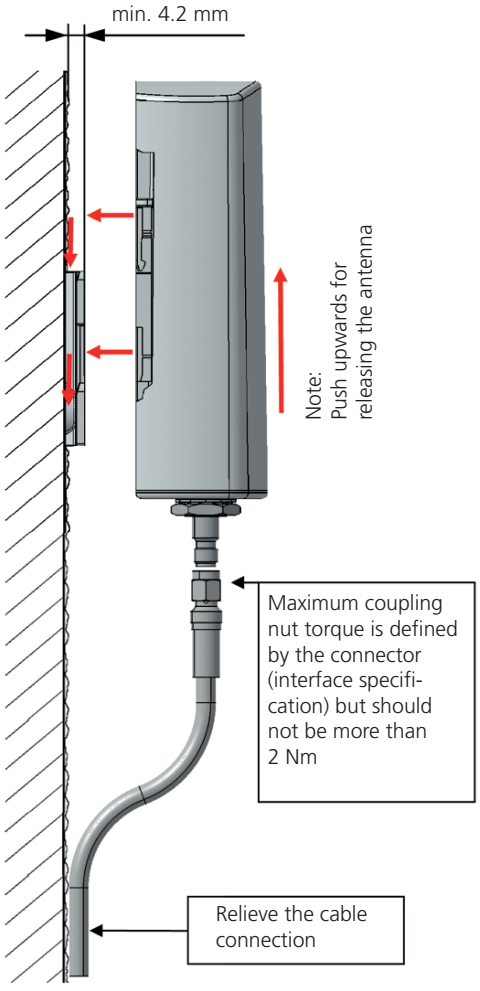
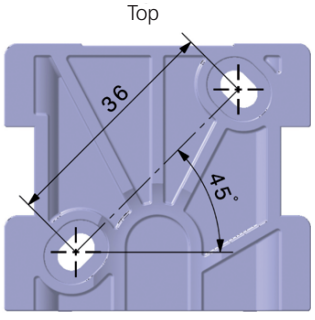
Mounting

Step 2
Mount the antenna onto the holder (set the antenna on the guide and press it down, until it engages)





Drilling template



Dimensions in mm

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