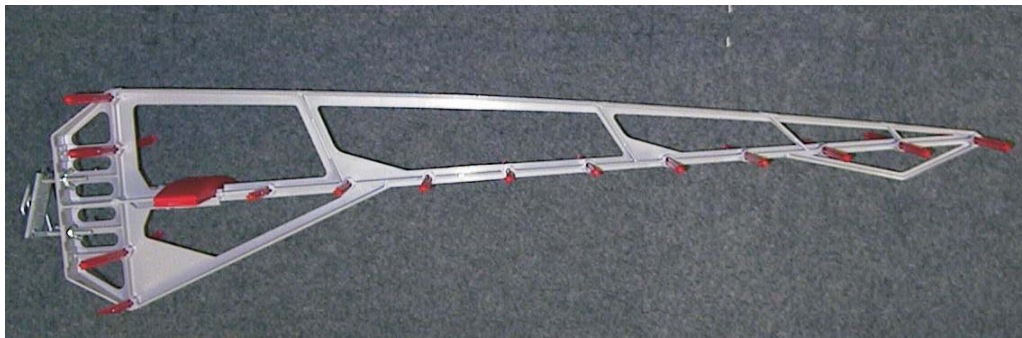


GSM CellPoynt Antenna

Yagi Cellular Booster Antenna

860 - 970 MHz

Product code: YAGI-A0016



The CellPoynt is a 14 element yagi antenna for use in the 860 - 970 MHz frequency band. The antenna boom, element holders and feed-box are moulded with UV stabilized plastic. The design is sturdy and robust to withstand a harsh environment.

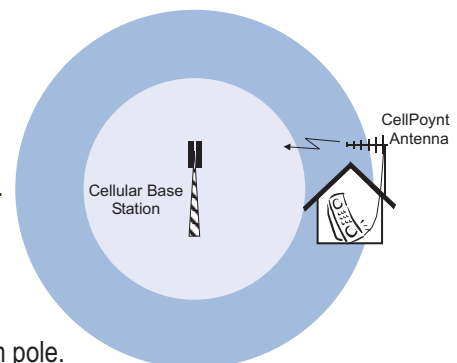
Features:

- Increases cellular telephone range dramatically.
- High gain yagi antenna.
- Most mountable.
- Remove EM radiation from your living environment.

Application areas:

- Rural areas where cellphone reception is poor.
- Office buildings that are in areas where reception is poor.

- Reception Area with our CellPoynt antenna
- Reception Area with cellular tower



The antenna is supplied with mounting brackets for a 25 - 50mm pole.

Specifications:

Product Code:

YAGI-A0016 15 cm RG58 with FME(m) connector

Electrical:

Gain (max.): 14 dBi (± 0.5 dB)
 Gain (min. over band): 10 dBi (± 0.5 dB)
 Frequency: 860 - 970 MHz
 VSWR (at end of 10m RG6 cable): $< 2.5:1$
 Input Impedance: 50 Ohm (nominal)
 Feed power handling: < 10 W
 E-plane 3 dB beamwidth: $24^\circ (\pm 2^\circ)$
 H-plane 3 dB beamwidth: $60^\circ (\pm 2^\circ)$
 Back to front ratio: 24 dB (± 2 dB)
 Polarisation: Linear

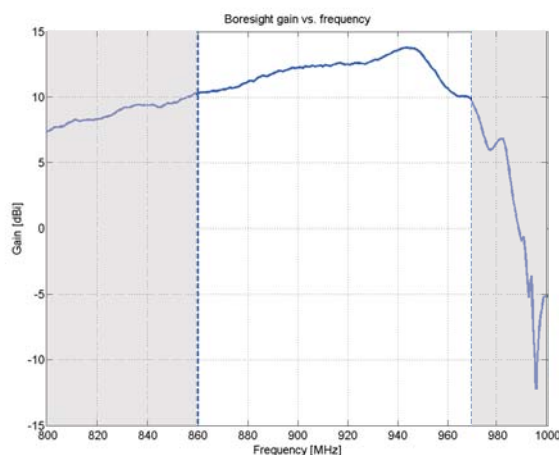
Mechanical:

Dimensions (l x w x h): 1070 mm x 330 mm x 260 mm

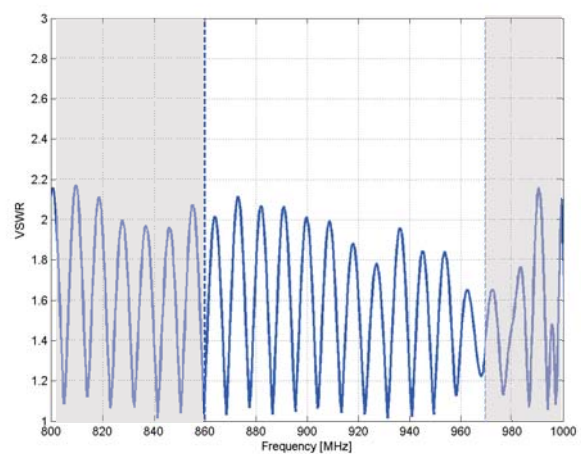
Environmental:

UV stable: 10 years estimated
 Weather resistance: Rainproof
 Clamp: 25-50 mm pole (two clamps)

Gain and VSWR Measurements



Typical Measured gain (Standard version)



Typical Measured VSWR (Standard version)