



# 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, elements 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.*

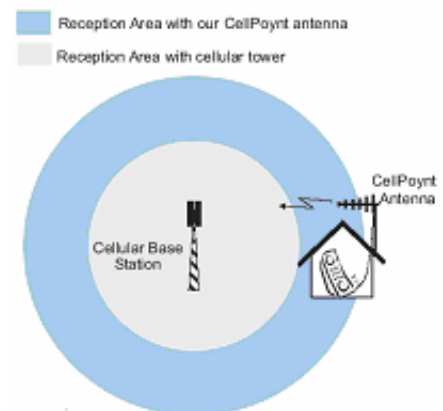
*Mast mountable.*

*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.*



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



**Specifications:**

**Product Code:**

YAGI-A0016

15cm RG 58 with FME(m) connector

**Electrical:**

Gain (max) 14 dBi (+-0.5 dB)  
Gain (min over the band) 10 dBi (+-0.5 dB)  
Frequency 860 - 970 MHz  
VSWR < 2.5:1  
Feed power handling <10 W  
E-plane 3 dB beamwidth 24° (± 5°)  
H-plane 3 dB beamwidth 60° (± 5°)  
Front to back (F/B ratio) 24 dB (± 2 dB)  
Nominal input impedance 50 Ohm (nominal)  
Polarisation Linear

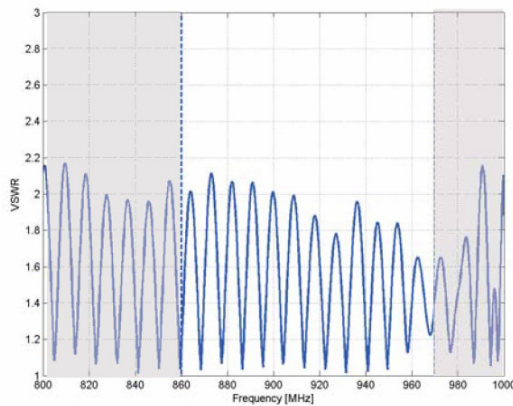
**Environmental:**

Wind Loading 160 km/h  
Temperature Range - 20° C to +70° C  
Shock 40G at 10 msec  
Thermal Shock - 20° C to +70° C : 10 cycles  
Water Ingress Rating IP65 (NEMA 4X)

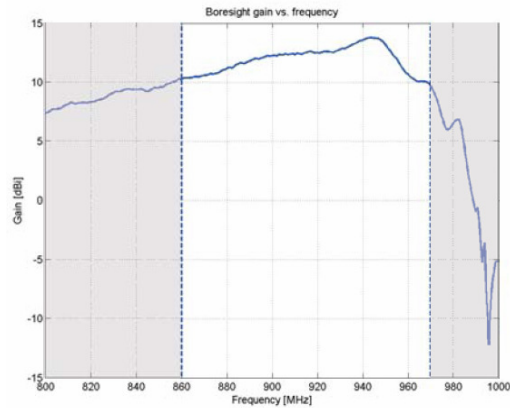
**Mechanical:**

Dimensions (l x w x d) 1170 mm x 255 mm x 220 mm  
Weight 700g  
Mounting Stainless steel brackets for up to 50 mm poles

**VSWR and Gain Pattern:**



VSWR



Gain