

8 element Yagi 790 - 960 MHz



Model #: 104A-YA8-84D-10
DS040615



Description

- An 8-element UHF Yagi antenna for Cellular communications applications utilizing a slot radiator feed design to achieve higher directivity than comparable models.
- Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.

Electrical Specifications

Parameter	Value
Model	104A-YA8-84D-10
Frequency	790 - 960 MHz
Max. Input Power	150 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	48°
3 dB Beamwidth, H-Plane	52°
Impedance	50 Ω
Gain	10 dBd (12.2 dBi)
VSWR	< 1.5:1
Front-To-Back Ratio	> 20 dB
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Mechanical Specifications

Parameter	Value
Connection(s)	N(f) on 1m RG213/U cable
Materials	Boom, 25 mm dia., aluminum Elements, 10 mm dia., aluminum balun, slot radiator
Length	Approx. 990 mm / 38.98 in.
Wind Load	55 N (160 km/h)
Weight	Approx. 1.7 kg / 3.75 lb.
Operating Temp Range	-40 °C to +70 °C

TX RX Systems Inc.

8625 Industrial Pkwy,

Angola, NY 14006

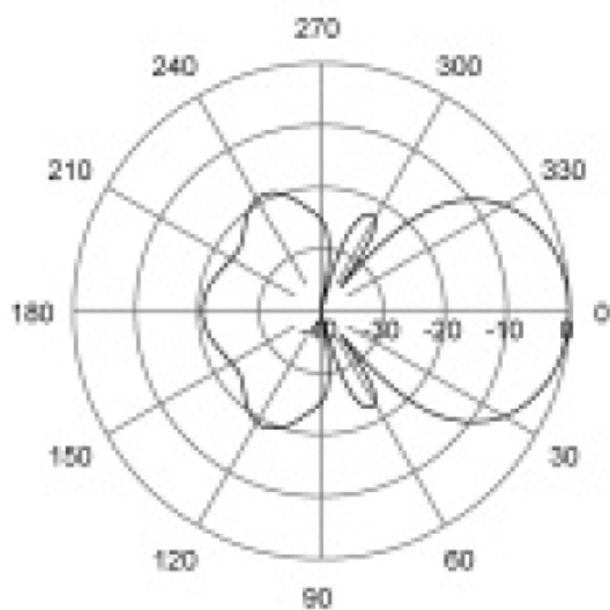
716.549.4700 www.txrx.com



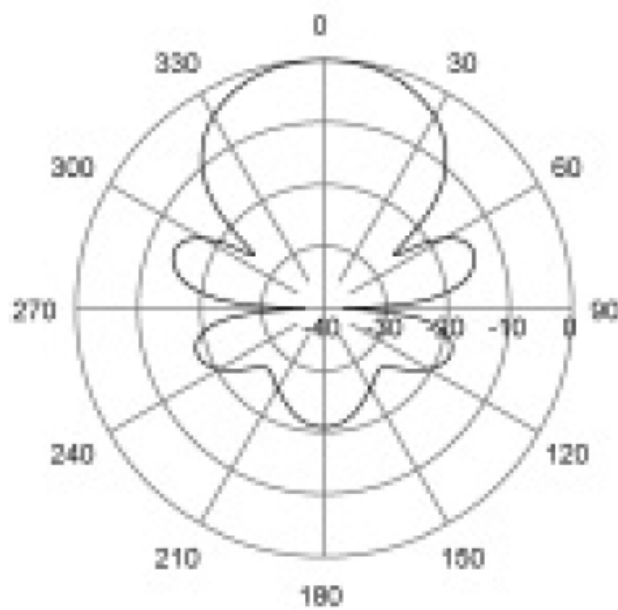
Accessories

Description	Part Number
Fixed norstel / coupler clamp (cross clamp)	91-00-104A-N
Increasing sleeve 1"-1 - 29/32"	91-00-104A-SL2

Radiation Patterns



E-Plane | 875 MHz



H-Plane | 875 MHz