



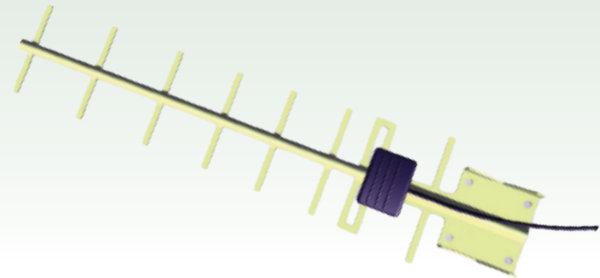
# Subscriber Yagi

## 870 - 960 MHz, 12 dBi

Model #: 104A-YA-93C-12  
DS040618

### Description

- The 104A-YA-93C is a lightweight low cost solution for signal enhancement and data use within 2G/3G cellular bands.
- The 104A-YA-93C range is widely used for cellular network repeater and rural telephony applications.
- The antenna is supplied with a five meter download, mounting bracket to suit up to 60 mm tube and mounting instructions.
- The antennas are fully weatherproof and well suited to either domestic or commercial applications.



### Electrical Specifications

Parameter	Value
Model	104A-YA-93C-12
Frequency	870 - 960 MHz
Max. Input Power	25 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	43°
3 dB Beamwidth, H-Plane	50°
Impedance	50 Ω
Gain	10 dBd / 12.2 dBi
VSWR	< 2.0:1
Front-To-Back Ratio	18 dB
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

### Mechanical Specifications

Parameter	Value
Elements	1/8" Aluminum profile
Connection(s)	FME(f) on 10m RG58 cable
Corrosion Protection	Surtec 650
Length	800 mm / 31.50 in.
Weight	0.3 kg / 0.66 lb

**TX RX Systems Inc.**

8625 Industrial Pkwy,

Angola, NY 14006

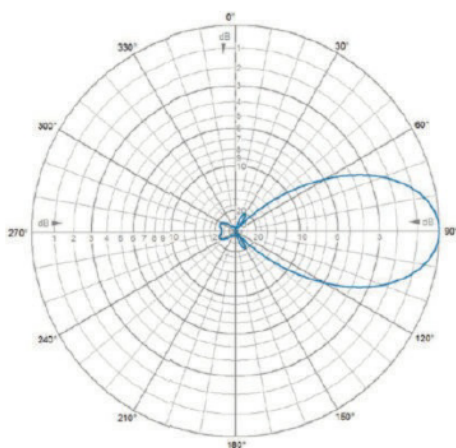
716.549.4700 [www.txrx.com](http://www.txrx.com)



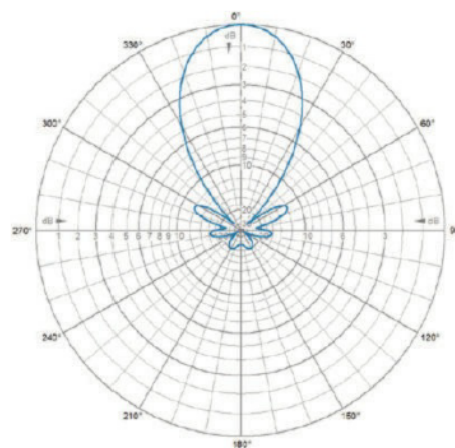
## Accessories

Description	Part Number
Subscriber Yagi 870-960MHz 12dBi	104A-YA-93C-12
Subscriber Yagi 870-960MHz 12dBi *N(m) termination*	104A-YA-93C-12-NM

## Radiation Patterns



E-Plane | 915 MHz



H-Plane | 915 MHz