

# YU6-900 Yagi Antenna

Antenna for use with ELPRO 868/900 MHz products



## Description

The YU6-900 Yagi Antenna is a ground-independent, 10 dBi antenna, suitable for use with ELPRO 868 MHz and 900 MHz products. Constructed of aluminum, the antenna is vertically polarized with a directional radiation pattern.

The antenna requires a mounting bracket to secure it. For best results, use the BR-YAG-KIT mounting kit.

**Note:** Exercise caution relative to ERP/EIRP specifications when choosing antennas.

## Specifications

SPECIFICATION	DESCRIPTION
<b>Parameters</b>	
Frequency	865–870 MHz ① 900–930 MHz ②
Gain	10 dBi
Bandwidth	530 MHz
VSWR	< 1.5:1
Polarization	Horizontal or vertical
H plane	50°
E plane	46°
F/B ratio	17 dB
<b>Termination</b>	
Termination	N-type female, for use with CC10/20 coaxial cable kit
<b>General</b>	
Size	32" (820 mm)
Housing	Aluminum
Mounting	BR-YAG-KIT for mast pole up to 2" (50 mm) in height
Weight	13.4 oz (380g)
Wind Loading	10 lbs (4.6 kg) at 99 mph (160 km/h)

**Note:** Specifications subject to change.

① YU6-870

② YU6-900

## Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
YU6-870	Yagi antenna, 6-element, N-type, 10-dBi gain	865–870 MHz
YU6-900	Yagi antenna, 6-element, N-type, 10-dBi gain	900–930 MHz

**Note:** Specifications are subject to change

## Product Compatibility

PRODUCT CODE	DESCRIPTION	DATA SHEET
BR-YAG-KIT	Mounting bracket kit for Yagi antenna	TD032072EN



Powering Business Worldwide

**Eaton's wireless business**

[www.eaton.com/wireless](http://www.eaton.com/wireless)

North America & Latin America  
5735 W. Las Positas Suite 100  
Pleasanton, CA 94588  
United States  
Telephone: +1 925 924 8500

Australia, New Zealand  
9/12 Billabong Street  
Stafford Queensland 4053  
Australia  
Telephone: +61 7 3352 8600

China  
955 Shengli Road  
East Area of Zhangjiang High-Tech Park  
Shanghai, 201201  
China  
Telephone: +86 21 2899 3600

Southeast Asia  
2 Serangoon North Avenue 5  
# 06-01 Fu Yu Building, 554911  
Singapore  
Telephone: +65 6645 9888

Europe  
Hein-Moeller-Straße 7-11  
53115 Bonn, Germany  
Telephone: +49 (0) 180 5223822

**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
[Eaton.com](http://Eaton.com)

© 2014 Eaton  
All Rights Reserved  
Printed in USA  
Publication No. TD032042EN  
January 2014



Eaton is a registered trademark.

All other trademarks are property of their respective owners.