

# BU6-400 Collinear Antenna

Antenna for use with ELPRO 400 MHz products



## Description

The BU6-400 Collinear Antenna is a ground-independent, 8 dBi antenna suitable for use with ELPRO 400 MHz products. Vertically polarized with an omnidirectional radiation pattern, the antenna is equipped with a fiberglass radome and a powder-coated aluminum mounting pole.

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

## Specifications

SPECIFICATION	DESCRIPTION
<b>Parameters</b>	
Frequency	360–520 MHz ①
Gain	8 dBi
Bandwidth	5% at center frequency
VSWR	<1.5:1
Polarization	Vertical
H-plane	Omnidirectional
E-plane	16°
<b>Termination</b>	
Termination	N-type female
<b>General</b>	
Size	7.5'–9.12' (2.3m–2.8m)
Housing	Fiberglass/aluminum
Mounting	1" (25 mm) OD aluminum tube
Weight	8.8 lbs (4.5 kg)
Wind loading	17.6 lbs (8 kg) at 99 mph (160 km/h)

**Note:** Specifications are subject to change.

① Specify center frequency when ordering.

## Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
BU6-400	Collinear antenna, N-type female, 8 dBi	360–520 MHz

## Product Compatibility

PRODUCT CODE	DESCRIPTION	DATA SHEET
BR-COL-KIT	Mounting bracket kit for collinear antenna	TD032071EN



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. TD032039EN  
January 2014



Eaton is a registered trademark.

All other trademarks are property of their respective owners.