

# BU3-400 Collinear Antenna

Antenna for use with ELPRO 400 MHz products



## Description

The BU3-400 Collinear Antenna is a ground-independent 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	5 dBi
Bandwidth	5% at center frequency
VSWR	<1.5:1
Polarization	Vertical
H-plane	Omnidirectional
E-plane	32°
<b>Termination</b>	
Termination	N-type female
<b>General</b>	
Size	3.9'–5.2' (1.2m–1.6m)
Housing	Fiberglass/aluminum
Mounting	1" (25 mm) OD aluminum tube
Weight	8.8 lbs (4.5 kg)
Wind loading	12.5 lbs (5.7 kg) at 99 mph (160 km/h)

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

① Specify center frequency when ordering.

## Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
BU3-400	Collinear antenna, N-type female, 5 dBi	360–520 MHz

## Product Compatibility

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



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North America & Latin America  
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Australia  
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Singapore  
Telephone: +65 6645 9888

Europe  
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53115 Bonn, Germany  
Telephone: +49 (0) 180 5223822

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

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