

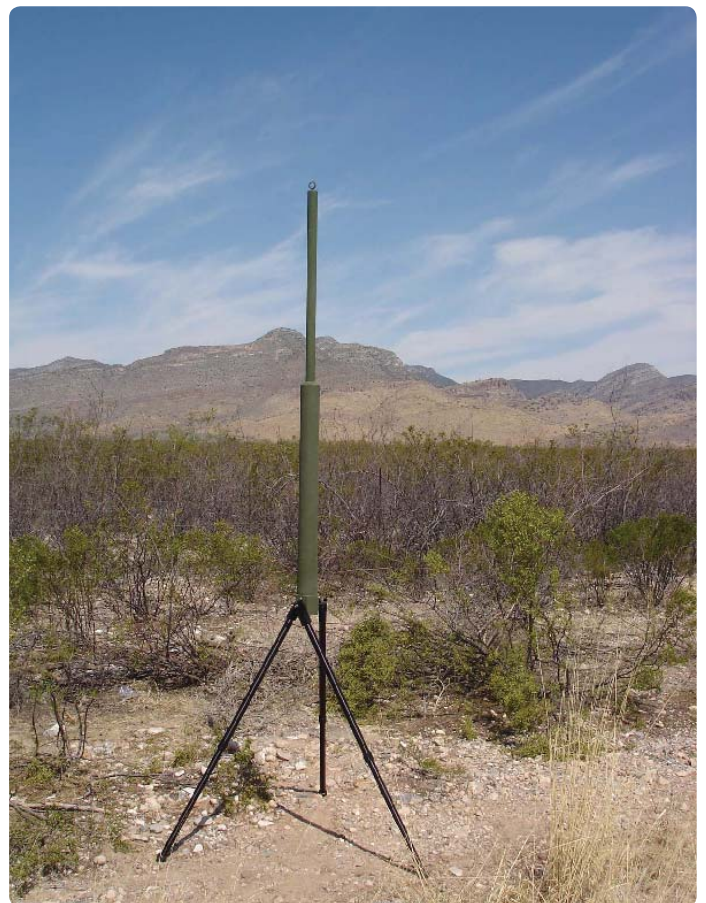
General Description

The COM201B is a vertically polarized, omni-directional antenna specifically designed for quick deployment and ease of operation. The COM201B has the versatility to be deployed in several different applications:

- Ground mounted by using a unique tripod leg structure.
- Mast mounted on the following masts by using our optional mast adapter:
 - OE-254
 - QEAM®
 - Contact Corporation® telescopic Cobham masts.
- Tower mounted.

Features

- 30-88 MHz frequency range.
- 200 watts of CW power.
- VSWR 2.5:1 (typical).
- No active tuning required.
- Vertically polarized, omnidirectional radiation pattern in the azimuth plane in the elevation plane.
- Maximum power is directed towards the horizon.
- Typical antenna gain is 0 dBi.
- Lightweight rugged construction.
- Quick assembly/disassembly for transport or storage.
- Stows in a bag 36" long and 10" diameter.
- Designed to be terminated with a robust type N female connector.
- Connector adapters can be purchased separately.



COM201B

Lightweight VHF Communications Antenna
NSN# 5985-01-498-0332

COBHAM

Mast Mounted



Tower Mounted



Ground Mounted



Electrical

Frequency	30 - 88 MHz
Gain	0 dBi typical
VSWR	2.5:1 typical
Impedance	50 ohms
Power	200 W average
Polarization	Vertical
Pattern	
Azimuth	Omnidirectional
Elevation	Figure eight
RF Connector (Optional)	Type N Female
Adaptors (Optional)	N Male - BNC Female
	N Male - UHF Female

Mechanical

Element Height	68"
Element Diameter	
Upper	1.5"
Lower	3.0"
Total Height	105"
Stowed Size	36" x 10" Dia.
Weight	10 lbs.
Wind (guyed)	100 mph
Temperature	-40 to +65° C
Finish	Epoxy CARC Green 383

For further information please contact:

COBHAM Sensor Systems
Sensor Electronics
58 Main St., Bolton, MA 01740
Tel. (978) 779-7000
Fax (978) 779-2906
E-mail: AMCSales@cobham.com

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Atlantic Microwave Corporation doing business as Cobham Sensor Systems.