

Lightning Protection Unit

WB3657A - Coaxial RF Protection

1464-015 Rev.A



BGXZ-60NFNF-CNS

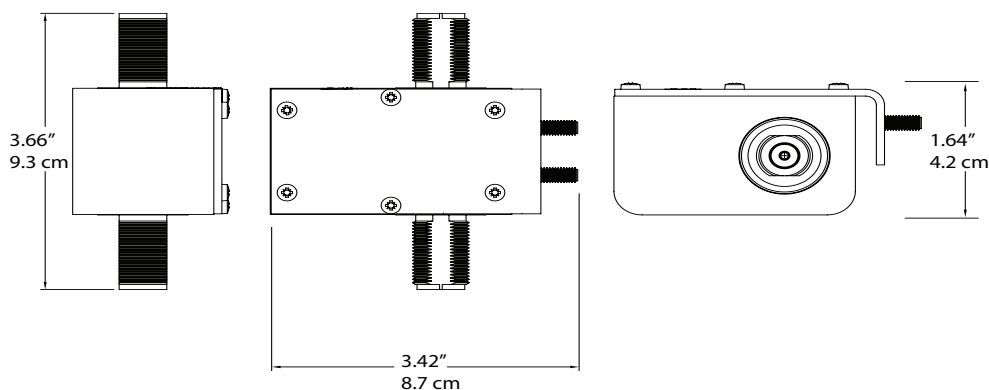
Custom kit for Motorola Point to Point Radios. Kit consists of RF Coaxial surge protection devices and mounting equipment for use in the protection of tower top electronics as well as radio equipment located in the shelter.

Kit Includes:

2 surge arrestors	BGXZ-60NFNF-CNS
1 Hardware kit	9100-0071
1 Pole Mount kit	9100-0454

Features for BGXZ-60NFNF-CNS

- Low frequency
- High power
- Weatherized
- Flange or bulkhead mount



Product Model	BGXZ-60NFNF-CNS
----------------------	------------------------

Performance

Frequency (MHz)	40 MHz to 400 MHz
Power (Watts)	100 W
Throughput Energy 8/20μs	≤ 2.5 mJ for 3 kA
Insertion Loss	≤ 0.25 dB
User Voltage	± 60 Vdc
DC Turn On Voltage	± 66 Vdc
Maximum Surge 8/20μs	20 kA

Mechanical

Dimensions - H x W x D	3.66" x 3.42" x 1.64" 9.3 cm x 8.7 cm x 4.2 cm
Maximum Weight	.292 kg 10.3 oz

Environmental

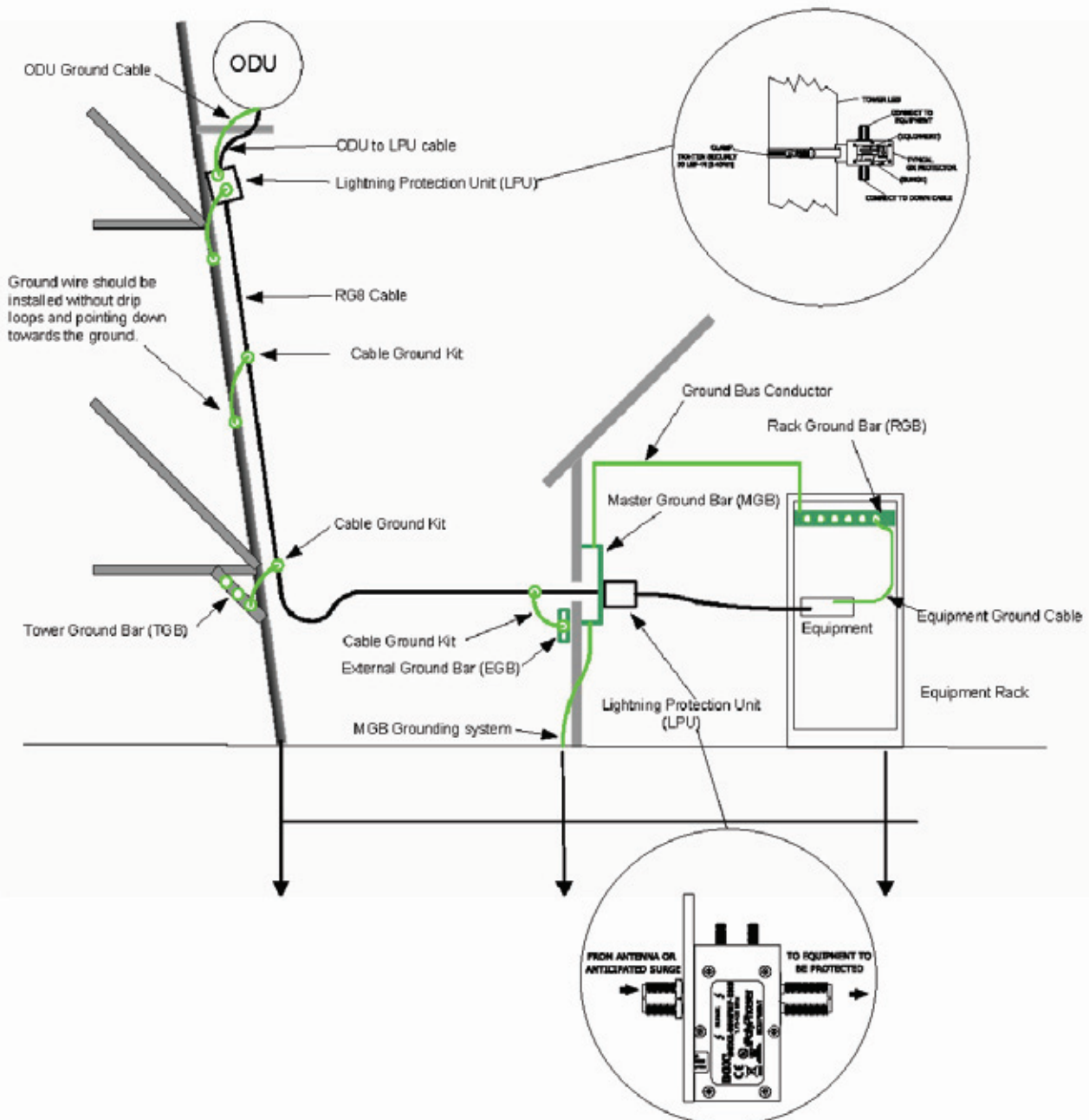
Storage/Operating Temperature	-58°F to +185°F -50°C to +85°C
Relative Humidity	To 95%

Lightning Protection Unit

WB3657A - Coaxial RF Protection

1464-015 Rev.A

Coaxial RF Surge Protection Installation Diagram for WB3657A Kit



Important Installation and Safety Tips

1. Establishing an intentional earth ground reference is critical to optimal product operation.
2. Detailed product earthing instructions are provided with Motorola Point to Point User guide.
3. Installers first read this products safety and installation instructions prior to commencing with product installation.