

# 7000 Series Standpipe

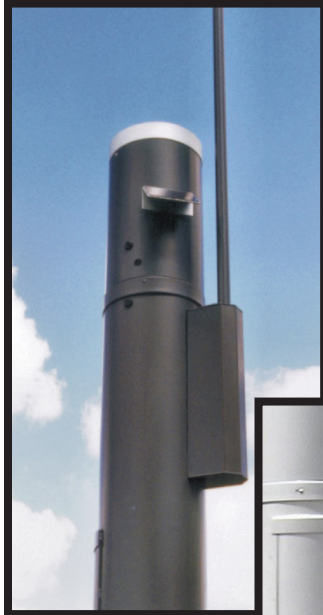
- Multiple Uses
- 10 ft (3 m) Mast Standard for Better Radio Paths
- Reduced Maintenance Effort Due to Elimination of Mounting Bolts
- Sturdy Construction



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HIGH SIERRA ELECTRONICS, INC.

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Optional Door  
w/Key Lock



## DESCRIPTION:

The 7000 Series Standpipe can easily be installed by one person in 3 to 4 hours (depending on soil conditions). Typical installation calls for a 2 ft (61 cm) round hole. The standpipe is placed in the hole and secured in place with concrete.

The 7000 Series is a good example of our goal to design equipment that provides accurate and reliable data while keeping installation, operation, and maintenance as quick and easy as possible. The weatherproof design is based on years of field experience of our engineers & personnel, and feedback from dozens of field technicians and system operators.

Our standpipe includes a locking, quick disconnect top that can be attached or removed in seconds for easy top section connection. Three studs at the base of the top section drop into L shaped slots at the top of the standpipe and when the top section is rotated, it is secured into place. Then with the turn and removal of your key, the top section is secured from others removing it.

The 10 ft (3 m) steel mast provides a stronger mast than aluminum. This is particularly significant when a directional antenna is used in areas that experience high winds.

The mast is attached by U-bolts to two brackets welded to the side of the standpipe, and the connection and cable entry are protected by a mast base cover. With the mast resting on the ground, the U-bolts can be put in place and tightened most of the way before being raised into position and tightened. This also allows re-adjustment of a directional antenna without the need to lower the mast. Installation and maintenances are easily accomplished by one person. An optional access door with key lock can be added on the standpipe to increase ease and efficiency, and decrease maintenance time.

Model 7000-03 Retrofit Standpipe Door Kit was developed in order to easily access equipment housed in a standpipe at a remote station.

Series 7002 Standpipe Retrofit Kit was designed to replace old and damaged standpipes in remote sites. The retrofit requires that the old standpipe be cut with a reciprocating saw approximately 15 in (38.1 cm) from the concrete base. The sleeve is then slipped over the remaining section of the old standpipe and bolted into place. The 7002 Series has all the advantages of the standard standpipe design, including an access door.

Contact your local High Sierra Electronics, Inc. Representative for custom standpipe designs.

02-7000-00(B)

*Environmental Monitoring Solutions*

WEB SITE: [www.highsierraelectronics.com](http://www.highsierraelectronics.com) E-MAIL: [sales@highsierraelectronics.com](mailto:sales@highsierraelectronics.com)

# 7000 Series Standpipe

## SPECIFICATIONS:

### Materials

Standpipe . . . . .	Powder coated aluminum (Patrician bronze or (optional) white)
Antenna Mast . . . . .	Steel
Antenna Cable Length. . . . .	22 ft (6.7 m)
Antenna Mast Dimensions . . . . .	10 ft x 1.25 in (3 m x 3.2 cm) (L x Dia)
Height . . . . .	10 ft (304.8 cm)
Standpipe Dimensions . . . . .	10 x 1 ft (3 x 0.3 m) (L x Dia)
Shipping Weight . . . . .	65 lbs. (27.22 kg)

## ORDERING GUIDE:

Model 7000-13. . . . .	Standpipe; Includes: Model 7110-00 Omni Antenna, Model 7150-00 Antenna Cable Assembly, Antenna Mast and Cover, 10 ft (3 m) Section for Slotted Rain Gauge Mount, and 14 ft (4.3 m) Pull Rope
Model 7000-14. . . . .	Standpipe; Includes: Model 7110-00 Omni Antenna, Model 7150-00 Antenna Cable Assembly, 10 ft (3 m) Antenna Mast and Cover, 10 ft (3 m) Section for Slotted Rain Gauge Mount, 14 ft (4.3 m) Pull Rope and Door with Key Lock

## OPTIONS/SPARE PARTS

Model 7000-01. . . . .	Standpipe Door; Includes: Locking Latch, Latch Gasket and Key Lock
Model 7000-02. . . . .	Standpipe Extended Length, 12 in (30.5 cm) OD. Price per foot
Model 7000-03. . . . .	Standpipe Retrofit Door Kit: Includes: Door, Door Frame, Locking Sealed Latch, Gasket, Key Lock, Cutout Template and Hardware
Model 7000-04. . . . .	Standpipe Mounting Brkt for Installations against Walls, & Railing
Model 7000-06. . . . .	Standpipe Conduit Mounting Tab; Includes: 8 x 1.25 in (20.3 x 3.2 cm) (L x ID) Steel Conduit, and 10 ft (3 m) Galvanized Threaded Rigid 2 in Conduit. Used for Conduit Hold-Downs.
Model 7000-07. . . . .	Standpipe Door Gasket; 5 Lineal ft (1.5 m)
Model 7000-08. . . . .	Standpipe Replacement Door; Includes: Latch Gasket, Rubber Door Gasket and Locking Latch with Key
Model 7000-09. . . . .	Standpipe Base Guard, 16 x 15.25 in (41 x 39 cm) (H x Dia)
Model 7001-00. . . . .	Standpipe Spun Cap Cover (Slotted)
Model 7002-13. . . . .	Standpipe Retrofit Sleeve (Slotted); Includes: 5 ft (1.5 m) Section, Ground Tab, Model 7110 Omni Antenna, Antenna Mast, Antenna Cover and Cables. Powder Coated Bronze
Model 7002-14. . . . .	Standpipe Retrofit Sleeve (Slotted); Includes: 5 ft (1.5 m) Section, Ground Tab, Model 7110 Omni Antenna, 8.5 ft (2.6 m) Antenna Mast, Antenna Cover and, Door w/Key Lock and Cables. Powder Coated Bronze
Model 7002-15. . . . .	Standpipe Retrofit Sleeve (Slotted); Includes: 7 ft (2.1 m) Section, Ground Tab, Model 7110 Omni Antenna, 8.5 ft (2.6 m) Antenna Mast, Antenna Cover and, Door with Key Lock and Cables. Powder Coated Bronze

See [www.highsierraelectronics.com](http://www.highsierraelectronics.com) for more specification and ordering information.

02-7000-00(B)