

Magnetic Fastening a Logical Solution for Cable Management

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Let's face it, water towers are no longer simply used for the elevation and storage of drinking water. With the dawn of wireless communications, many water towers are now used as prime real-estate for cables and antennae. Some of these installations can be a source of revenue for water systems and perhaps a source of regulatory violations.

About 100,000 water towers grace the US skyline with about 92% of them having some type of cable or antenna installation. Many of these cables have been installed unsafely, not meeting State DNR and OSHA published design guidelines.

The quickest and cheapest way in the past has been installing cables directly onto access ladder which poses a major problem for crews who maintain and renovate the tower. This causes delayed renovations, corrosion and blocking man way access which is a threat. Within a spectrum of cable installations the cheapest methods include duct tape, zip ties and even landscaping timbers with the most expensive including welded cluster brackets. Many of these older cable installations methods have proven harmful to coatings systems, however there is an optimized solution in magnetic bracketing systems.

Approximately 8000 individual Estech LLC magnetic brackets have been installed across the States and proven themselves over the years to defeat straight line and tornado force winds.

The patent-applied systems are incredibly strong (from 140 to 1200 pounds of pull strength) and are shipped out pre-formed according to the curvature of the steel surface and how many cables are connected.

Existing OSHA deficiencies from poor cable installations can be corrected or new cables fastened in a matter of hours. Many cities are learning of this new solution and specifying in their upcoming communications projects. Specifications are available upon request.

Major tower maintenance firms also approve the use of thousands of our brackets for their value in cable management whereas many water tower owners specify our systems in order to protect their infrastructure and provide for ease-of-maintenance. The safety benefits alone happen to be the genesis of why we created our systems.

We would like to furnish you and your wireless provider with our Magnetic Bracketing Systems. Please contact us if you have any questions.

