



Corrosive Environment Antennas

Global Skyware has developed a range of antennas specially enhanced to withstand corrosive environments and provide a lifetime in excess of 10 years with minimal maintenance.

The features of these antennas include:

- Hot dipped galvanized steel (G90) components
- A second barrier provided by minimum 50 micron powder paint.
- Stainless Steel Hardware is used throughout

When hot-dip galvanized steel is painted or powder coated, the duplex coating provides a more sophisticated manner of corrosion protection known as the synergistic effect. The exterior layer of paint or powder coating acts as an additional barrier and slows down the rate at which the zinc is consumed – greatly extending the life of the galvanized steel. In return, the underlying galvanized coating acts as a noble primer eliminating the pinhole corrosion and peeling effect often seen on bare steel. Once the exterior layer has been weathered down or damaged, the zinc beneath is still available to provide cathodic and barrier protection.

| Antenna | Part Number | Material Coating | Paint | Hardware |
|---------|--|------------------|--------|-----------------|
| 2.4m | VS-2431631-EP VS-2431611-EP VS-2431631-EP VS-2441611-EP | HD/PREGALVG90 | POWDER | STAINLESS STEEL |
| 1.8m | VS-1833611-EP VS-1843611-EP | HD/PREGALVG90 | POWDER | STAINLESS STEEL |
| 1.2m | VS-1223961-EP VS-1243611-EP | HD/PREGALVG90 | POWDER | STAINLESS STEEL |