A Configurable Antenna System
For Your Transportation Network

The SM Series - Multi-Band, Multi-Port Transport Antenna Platform

**Broadband/Multi-Band**
Bands from VHF to 6 GHz allow this versatile antenna to be used for multiple radio systems.

**Low Profile**
As low as 4 ¼ inches, this antenna is suitable for many locomotive and other vehicle applications with tight height constraints.

**Durability**
The heavy duty base plate equipped with a durable gasket, weather resistant and fire tested radome provide excellent environmental protection.

**Customized & Configurable**
A flexible, single exit point antenna which has a number of ports to support a wide variety of applications like PTC, LTE, GPS, WiFi/WiMax, GSM, UMTS, AWS and PCS, etc.

**Easy Installation**
The SM series antennas are built with a single side or bottom exit point for all of the elements making this unit easy to install. There’s no need to drill multiple cable access holes.
A Wide Range of Applications

Field Scenarios
- Bus/Streetcar
- Subway Cars
- Light Rail Transit
- Train Locomotives
- Bus/Train Stations

Multiple Services
- PTC or other services in VHF
- Public Safety
- LTE
- UMTS
- GSM/EDGE
- CDMA
- AWS
- PCS
- DECT
- WiFi/WiMax
- GPS

Send us your specific requirements and our Engineering team will work at designing a customized antenna configuration for your network.

Custom Configurations

This low profile antenna has many customizable options making it a flexible unit for your transportation or outdoor requirements.

- Various combinations of PTC, cellular, WiFi/WiMax, GPS elements are available
- Bottom or side port exit options for ease of installation
- 220MHz or 256MHz frequencies for PTC
- Dual 694-2700MHz elements for diversity or different radios
- SM Series antennas are expandable to support additional radio systems using Sinclair’s combining solutions
- Custom feed cable lengths are available to help with installation

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