

SUPERIOR SATELLITE

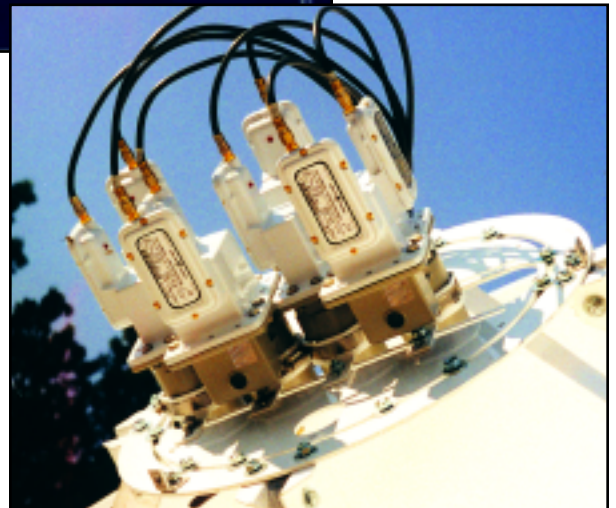
“Satellite Antenna Systems Engineering Excellence”

MULTIPLE-SATELLITE FEED SYSTEM

- **Multiple Satellite Performance Kits** designed for ease of installation and maximum flexibility.
- Each feedhorn has discreet azimuth, elevation, focal distance and polarization adjustments.
- Available for most commercial satellite antenna systems.
- Simultaneous reception of up to 5 adjacent satellites.
- **Factory Pre-Set** for easy installation and alignment. **Satellite Look Angle List** included for each site.
- **MBF Systems** include support struts, feed plate assembly, feedhorns, cover and complete instructions.



Four-port (dual C and Ku-band Polarization) Feedhorns available



Model SSE5-8MBF-4C

Beginning in 1982, SSE has delivered more than twenty thousand Multiple-Satellite Feed Systems in support of Cable, Broadcast, IPTV and wireless satellite antenna systems.

1743 MIDDLE ROAD • COLUMBIA FALLS, MT 59912
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WEB SITE: WWW.SUPERIORSATELLITEUSA.COM

PRODUCTION AND TESTING FACILITIES

Our production facility in Columbia Falls, Montana features extensive laboratory and test facilities in support of our satellite-specific products and services. We have a wide variety of satellite antennas with on-line status, including ViaSat 4.5-meter, Patriot 4.5-meter, Patriot 3.8-meter, Andersen 3.8-meter, Prodelin 3.7-meter and Patriot 3.1-meters.

We generate most test data using our Hewlett Packard Spectrum Analyzer and Plotter together with several models of analog and digital satellite receivers. The antennas are motorized with remote control for easy access to most of the U.S. geostationary satellites.

We continue in our significant commitment to provide up-to-date test procedures and results that include all the newest satellites in all configurations of antenna and Multiple Satellite Feed System configurations. Call SSE for a listing of test data available. Or visit us and take advantage of our facilities to field test antenna and MBF combinations specific to your satellite access requirements.



Where a 4.5-meter antenna is required, we recommend our SSE-45 Series. The SSE-45 Series uses a ViaSat Model 8345 Antenna configured with our Multiple-Satellite Feed System. This set-up can access up to five satellites over a span of 8 degrees. Extensive test data is available that details the performance characteristics of this Antenna/MBF combination with the Feedhorns aligned at 2° and 4° off boresight. Through years of testing and field use, we have determined that the 4.5-meter antenna provides a virtually perfect platform to support Multiple-Satellite Feed System operations.



Our most popular Antenna/MBF combination is the SSE-38 Series which features a Patriot Antenna Systems 3.8-meter reflector - Patriot Model PRT380AZ - and our SSE Multiple-Satellite Feed System. This Antenna/MBF combination can access up to five satellites over a span of 8 degrees. We designed this System in concert with Patriot so that no field modification of the antenna is required. Our struts mount directly to the existing Patriot mounting brackets. The SSE-38 Series was selected by Hughes Corporation, PanAmSat, SES-Americom and SatMex as the frontline product for their popular antenna programs.

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