



SBII Selection Guide

How To Choose

Features	Benefits	Series 62	Signal Booster II	Series 62	Signal Booster II
Fault Monitor	To ensure reliable communications, a signal booster fault condition is indicated so problems can be quickly corrected.	✓	✓	For a basic LED alarm indicator located on the front panel. Alarms do not shut down equipment. Optional relay closure available.	For LED alarm indicators that will annunciate the source of the fault on each module. LCD provides details of the alarms for easy troubleshooting. Unless set by user, alarms do not shut down equipment.
High 3rd Order Intercept (30IP) Point	The higher the TOI point, the higher the output power of the booster which equates to better RF coverage.	✓	✓	When RF coverage is needed for smaller buildings, less complex distribution systems or coverage for large open areas. TOI of Series 62 is +45 dBm.	When RF coverage is needed for large buildings or extensive/complex distribution systems and large open areas. TOI of SBII is +58 dBm.
Re-bandable Public Safety Units	Reduces hardware and hefty installations costs.	✓	✓	To quickly reband using a simple mechanical switch inside the unit, no tuning required.	To minimize the cost of rebanding by using SBII rebandable kits.
Output Level Control (OLC)	Maintains maximum output power while preventing equipment damage and excessive emissions.	✓	✓	For a simple red LED that indicates when power meets or exceeds factory preset level.	For an easy-to-read LED bar graph that indicates relative level of OLC and if level has been exceeded.
Quick Delivery	Signal boosters are typically in stock and are ready for time-sensitive or unexpected projects.	✓	✓	If project demands immediate delivery, Series 62 units are in stock.	If project can accept a 4-5 week lead-time.
Redundant PA Option	Provides the highest degree of reliability.		✓	When a reliable booster is required but redundancy is not needed.	When mission critical reliability is necessary (correctional facilities, government buildings etc.)
Remote Monitoring Option	Minimizes on-site service calls with remote configuration and gain level adjustments and remote alarm and status monitoring.		✓	When the installation does not require remote monitoring.	When remote configuration, gain level adjustments, remote alarm and status monitoring are required.
NEMA 4 Enclosure	Ensures that communications will continue during any extreme indoor/outdoor environment i.e. firefighting wash-downs, chemical spills etc.		✓	Application does not require survivability in extreme environments.	When mission critical communications are required to operate in a hazardous environment.
OLC Data Log	Reduces technician time in the field, easily optimizes system configuration and performance. Problems are identified quickly and on-site service calls are minimized.		✓	If little or no technician support is available for on-site service calls, or site optimization is not needed.	When system configuration, performance and troubleshooting are needed to be optimized for each site.
Modular Card Cage Structure	Hot swappable cards are easy to service and configure. Repairs can be made on site which reduces down time and cost.		✓	If minimal technician support is available. If problems develop, unit can be sent back to the factory.	If the site infrastructure supports field servicing, then the modular card cage SBII may be preferred.
Decoupled RF Test Point	Enables fast system measurements in both uplink and downlink directions for performance optimization.		✓	When RF test points are available elsewhere in the system.	When non-intrusive measurements are desired to optimize system performance.
Microprocessor Control	Provides flexibility in configuring the system's gain and alarms.		✓	When a reliable booster with basic functionality is needed for the site.	When configuring and customizing the signal booster is desirable for the site. When non-intrusive measurements are desired to optimize system performance.
Thermal Monitoring of Components	Provides an indication of potential failure before critical communications are interrupted.		✓	If a signal booster with basic functionality is needed for the site.	When mission critical reliability is needed, monitoring ensures the booster is always operating and ready.
OLC Dynamic Range	Controls output power while maintaining system sensitivity.		✓	When 30 dB of dynamic range is needed to meet installation requirements.	When 60 dB of dynamic range is needed to meet installation requirements.
Programmable Gain Setting	Booster gain can be tailored to suit the specific signal environment.		✓	For rotary switches on front of unit that can adjust gain up to 30 dB in 2 dB steps.	For menu driven gain configuration via the front panel that can adjust gain up to 30 dB in 0.5 dB steps.

