

SAFE-1030

Multi-Band Public Safety Distributed Antenna System



Flexible BDA for multi-band signal amplification.

- Supports multiple frequency bands in a single cabinet.
- Modular channel cards simplify system expansion and servicing.
- Digital filtering delivers clear, reliable signal coverage.
- Available in compact and large cabinet configurations.
- Compatible with battery backup units and remote annunciators.
- UL 2524 certified. FCC ID 2AKSM-SAFE2.



Specifications

Frequency Bands	UHF, VHF, 700, 800, and 900 MHz (configuration dependent)
Channel Capacity	Small Enclosure: Up to 10 channel cards Large Enclosure: 20 channel cards
Digital Filters	16 filter pairs, exp.
Gain Control	25 dB
Gain Range	65 - 85 dB (typical)
RF Output Power (Max Nominal Single Tone Output Power)	VHF / UHF: 27 dBm 700: 27 dBm DL, 26 dBm UL 800: 25 dBm DL, 26 dBm UL
RF Input	-10 dBm maximum (no damage)
Operating Temperature	14 - 122°F (-10 - 50°C)
Enclosure	NEMA 4
Cabinet Sizes	Small: 15" x 12" x 6.7" Large: 19" x 18" x 6.7"
Weight	Small: 25 lbs (typical) Large: 40 lbs (typical)
Power Requirements	9 - 12 VDC from battery backup unit (120 VAC optional)
Power Consumption	80 W max., 40 W nominal
Alarm Outputs	6 NFPA alarms, oscillation alarm, remote annunciator communication alarm, door alarm

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