

SAFE-1020

Head End



Centralized fiber head end for scalable Public Safety DAS deployments.

- Supports multiple frequency bands in a single head end.
- Fiber architecture enables long-distance signal distribution.
- Plug-in channel cards simplify system expansion and servicing.
- Supports unlimited remote units with expansion modules.
- 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)
Remote Unit Capacity	Unlimited (with expansion modules)
Optical Loss Budget	2 - 4 dB
Digital Filters	16 filter pairs, expandable to 32 filter pairs
Gain Control	25 dB
Gain Range	65 - 85 dB (typical)
Max Nominal Single Tone Output Power	VHF / UHF: 27 dBm 700: 27 dBm DL, 26 dBm UL 800: 25 dBm DL, 26 dBm UL
Power Requirements	9 - 12 VDC (120 VAC optional via BBU)
Power Consumption	80 W max, 40 W nominal
Enclosure	NEMA 4
Cabinet Sizes	Small: 15" x 12" x 6.7" Large: 19" x 18" x 6.7"
Operating Temperature	14 - 122°F (-10 - 50°C)

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