

SAFE-1015

Remote Unit



Fiber remote unit for extending Public Safety DAS coverage.

- Extends RF coverage from the RATH® SAFE-1020 head end.
- Fiber connectivity supports long-distance signal transport.
- Supports multi-band public safety communications.
- Available in small and large enclosure sizes.
- Compatible with battery backup units and remote annunciators.
- UL 2524 certified. FCC ID 2AKSM-SAFE2.



Specifications

Frequency Bands	UHF, VHF, FirstNet, 700, 800, and 900 MHz (configuration dependent)
Optical Loss Budget	0 - 10 dB
Digital Filters	17 filter pairs, expandable to 34 filter pairs
Gain Control	30 dB in 1 dB steps
Gain Range	50 - 90 dB (typical)
RF Output Power	700/800 MHz: 30 dBm $\pm$ 2 dB UHF: 28 dBm $\pm$ 2 dB VHF: 27 dBm $\pm$ 2 dB
Power Requirements	9 - 12 VDC (120 VAC optional via BBU)
Power Consumption	80 W max peak, 40 W average
Enclosure	NEMA 4
Cabinet Sizes	Small: 15" $\times$ 12" $\times$ 6.7" Large: 19" $\times$ 18" $\times$ 6.7"
Operating Temperature	14 - 122°F (-10 - 50°C)

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