



# sDAS<sup>+</sup> Dual Band Fiber DAS

## RAU-PS700/800\_01

### Overview

sDAS<sup>+</sup> series is a fiber Distributed Antenna System. The sDAS<sup>+</sup> offers the industry leading and most innovative technology to extend the RF signal of public safety band coverage into any indoor/outdoor environment from small to large scale. Indoor/outdoor coverage network becomes a manageable services.



A sDAS<sup>+</sup> system includes the HEU and RAU. RAU is the remote antenna unit which extends the RF signal through the single mode fiber. RAU can be ceiling, pole or wall mounted.

### Key Features

- Distribute the public safety RF signal via a fiber network
- Source/Technology independent
- Star chain network topology
- Optics/RF Auto-calibration
- SNMP

### Applications

- Indoor coverage
- Tunnel coverage
- Elevator coverage
- Campus signal extension
- Shadow area signal enhancement



## Specification

Electrical Interface & Mechanical Specification		
RF Interface	RF1 Frequency Range	DL : 758 ~ 775MHz / UL : 788 ~ 805MHz
	RF2 Frequency Range	DL : 851 ~ 869MHz / UL : 806 ~ 824MHz
	Connector	N-female x 2
	Output Power	+14 ~ +19dBm, 1dB/step configurable
	Uplink Noise Figure	7dB at max. UL gain
Fiber Interface	Connector	LC/APC x 2
	Wavelength	1310nm
	Laser Output Power	+5 ± 1.5dBm
	Optical Rx Sensitivity	-9dBm
Power	Power Supply	+36 ~ +58VDC, 802.3at
	Power Consumption	15W max.
Environmental	Operating Temperature	0 ~ +45°C (32 ~ 113°F)
Mechanical	Dimensions, L x W x H	230 x 142 x 80mm (9.1 x 5.6 x 3.1inches)
	Weight	1.4Kg (3.1lb)
	Mounting	Ceiling, wall or pole mount
LED Specification		
PWR	Green	Power on
RAU	Green	Normal
	Flash Green	Firmware upgrade
	Red	RAU alarm
Fiber	Green	Provisioned & Calibrated
	Flash Green	Optical power detected and ready for provisioning & calibration
	Dark	No optical power

\*Specifications are subject to change without prior notice

**RAU order information :** External N-type connector : RAU-PS700/800\_01NC