



ADRF Public Safety Solutions

Mission Critical Communications Depends on ADRF



Corporate:
2055 Helm Drive
Las Vegas, NV 89119

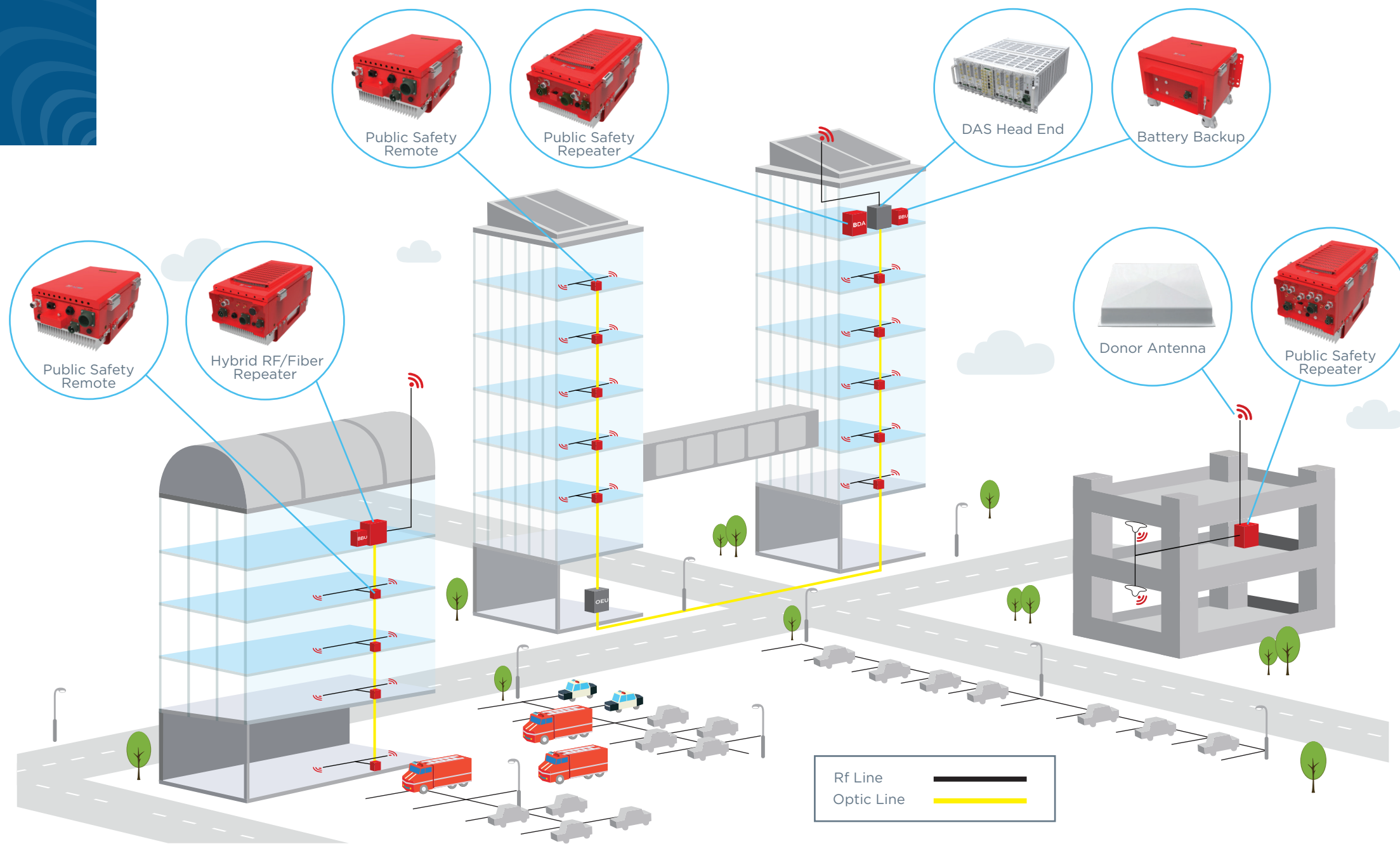
(844) 777-USFS
www.UnitedLV.com



Public Safety Coverage

In the case of an emergency, it is crucial that all buildings support wireless communications for first responders, such as the police and the fire department. In fact, the International Fire Code (IFC) and National Fire Protection Association (NFPA) requires full indoor coverage of 99% critical areas and 95% everywhere else for public safety in all new and existing buildings.

Advanced RF Technologies, Inc. (ADRF) is at the forefront of providing code-compliant public safety wireless solutions that meet the rigorous municipal requirements for building occupancy. ADRF's products have been used for more than two decades improving critical communications in systems for first responders, as well as government, transit, commercial, education, security and military personnel.



ADRF's competitive portfolio of innovative Public Safety DAS and Repeaters are proven solutions to make buildings safer for first responders and building inhabitants to deliver mission critical wireless service.

ADRF Public Safety Solutions

- Supports LMR, SMR, DMR, Public Safety frequencies for VHF, UHF, 700 (including FirstNet and public safety LTE), 800, & 900 paging
- Meets codes and standards from NFPA 1, NFPA 72, NFPA 1221, NFPA 1225, IFC, and UL including UL 60950/62368 Listed & UL 2524 Certified/Listed
- Supports dry contact alarms and easy integration to Annunciator & FACP
- Supports remote monitoring and control capability using web-based GUI including remote shutdown of repeater
- NEMA 4/Type 4/Type 3R/IP66 compliant and fire engine red painted enclosure suitable for both indoor and outdoor environments



Hudson Yards
New York, NY



Hall of Justice
Los Angeles, CA



Security & Exchange Commission
Washington, D.C.



SunTrust Park
Atlanta, GA
Image by Thechased



Washington State Capitol
Olympia, WA

ADRF Public Safety Products

Product Type	Part Name	Description
Antenna	AD-PA-700-900-DIN-X	High Isolation 700 MHz/CELL/SMR Donor Antenna (698-940 MHz, 16 dBi MAX GAIN, 26 degree min H/V beam width, 32 dB front-to-back ratio, Low PIM, DIN-type connectors)
Battery	ADRF-BBL-X-12	Large Battery Backup Unit - 12V (UL 2524 Certified)
Battery	ADRF-BBL-X-24	Large Battery Backup Unit - 24V (UL 2524 Certified)
Battery	ADRF-BBS-X-12	Small Battery Backup Unit - 12V
Battery	ADRF-BBS-X-24	Small Battery Backup Unit - 24V
Battery	ADRF-BBL-U-12	UL 2524 Listed Large Battery Backup Enclosure - Supports 12V
Battery	ADRF-BBL-U-24	UL 2524 Listed Large Battery Backup Enclosure - Supports 24V
Battery	ADRF-BBS-U-12	UL 2524 Listed Small Battery Backup Enclosure - Supports 12V
Battery	ADRF-BBS-U-24	UL 2524 Listed Small Battery Backup Enclosure - Supports 24V
Battery	ADRF-BBX-U-CBL-21P	ADRF-BBX Cable for the PSR-U Series from 2 BBU to 1 ADRF Active Module (Parallel)
Battery	ADRF-BBX-U-CBL-21S	ADRF-BBX Cable for the PSR-U Series from 2 BBU to 1 ADRF Active Module (Series)
DAS Head End	ADXV-H-AAI	ADX V DAS Head End Auxiliary Alarm Interface Module
DAS Head End	ADXV-H-CHC-88-DL	ADX V DAS Head End Channel Combiner Module for Downlink (8 Inputs + 8 Outputs)
DAS Head End	ADXV-H-CHC-88-UL	ADX V DAS Head End Channel Combiner Module for Uplink (8 Inputs + 8 Outputs)
DAS Head End	ADXV-H-NMS-AC	ADX V DAS Head End Chassis + Network Management System + AC Power Supply Unit
DAS Head End	ADXV-H-NMS-DC	ADX V DAS Head End Chassis + Network Management System + DC Power Supply Unit
DAS Head End	ADXV-H-ODU-4	ADX V DAS Head End Optical Donor Unit Module (4 Ports)
DAS Head End	ADXV-H-POI-7U	ADX V DAS Head End Point Of Interface Module 700MHz Upper C + Band 14 (0-48dBm)
DAS Head End	ADXV-H-POIL-78P	ADX V DAS Head End Point Of Interface Module Public Safety 700MHz/800MHz (0-25dBm)
DAS Head End	ADXV-H-POIL-VU	ADX V DAS Head End Point Of Interface Module VHF/UHF (2 slots)
DAS Medium Power Remote Unit	ADXV-BPF-7PDL	ADX V DAS Remote Unit External Filter to support PS 700 DL path
DAS Medium Power Remote Unit	ADXV-BPF-7PS8DL	ADX V DAS Remote Unit External Filter to support PS 700 and SMR 800 DL path
DAS Medium Power Remote Unit	ADXV-BPF-88DL	ADX V DAS Remote Unit External Filter to support PS 800 DL path
DAS Medium Power Remote Unit	ADXV-EF-7F	ADX V DAS Remote Unit External Filter to support 700MHz Commercial
DAS Medium Power Remote Unit	ADXV-EF-CHA-N4X	ADX V DAS IP66 enclosure for up to 2 ADXV External Filters
DAS Medium Power Remote Unit	ADXV-EF-8BC	ADX V DAS Remote Unit External Filter to support SMR 800 Commercial/Cellular
DAS Medium Power Remote Unit	ADXV-R-25VU-N4X	ADX V DAS Remote Unit VHF/UHF 25dBm Amplifier Module (incl ORU, PSU AC, IP66)
DAS Medium Power Remote Unit	ADXV-R-3378P-N4X	ADX V DAS Remote Unit Public Safety 700MHz/800MHz 33dBm Amplifier Module (incl ORU, PSU AC, IP66)
Passive Component	ADRF-MPLX-U-1	DL:382-512MHz / UL: 382-512MHz / IP50 / 4.5-10MHz
Passive Component	ADRF-MPLX-U-2	DL:382-512MHz / UL: 382-512MHz / IP50 / 2.75-4.5MHz
Passive Component	ADRF-MPLX-U-3	DL:382-512MHz / UL: 382-512MHz / IP50 / 1.2-2.75MHz
Passive Component	ADRF-MPLX-U-4	DL:382-512MHz / UL: 382-512MHz / IP66 / 4.5-10MHz
Passive Component	ADRF-MPLX-U-5	DL:382-512MHz / UL: 382-512MHz / IP66 / 2.75-4.5MHz
Passive Component	ADRF-MPLX-U-6	DL:382-512MHz / UL: 382-512MHz / IP66 / 1.2-2.75MHz
Passive Component	ADRF-BBL-X-WMK	ADRF-BBL-X Wall Mount Kit
Passive Component	ADRF-BBS-X-WMK	ADRF-BBS-X Wall Mount Kit
Passive Component	ADRF-BBX-CBL-11	ADRF-BBX Cable from 1 BBX to 1 ADRF Active Modules
Passive Component	ADRF-BBX-CBL-12	ADRF-BBX Cable from 1 BBX to 2 ADRF Active Modules
Passive Component	ADRF-BBX-CBL-21P	ADRF-BBX Cable from 2 BBU to 1 ADRF Active Module (Parallel)
Passive Component	ADRF-BBX-CBL-21S	ADRF-BBX Cable from 2 BBU to 1 ADRF Active Module (Serial)
Repeater	SDR-ICS-43-7FN	High Power Outdoor Repeater Module For 700 MHz (Includes Band 14)
Repeater	SDR-ICS-WMK	Wall Mount Kit For SDR ICS Module
Repeater	PSR-78-9533-X	Public Safety 700/800 MHz Channelized Digital Repeater (33 DBM Output, 95 DB Gain, MET Classified for UL2524 Fire & Shock)
Repeater	PSR-78-9537-X	Public Safety 700/800 MHz Channelized Digital Repeater (37 DBM Output, 95 DB Gain, MET Classified for UL2524 Fire & Shock)
Repeater	PSR-VU-9537-X	Public Safety VHF/UHF Channelized Digital Repeater (37 DBM Output, 95 DB Gain, MET Classified for UL2524 Fire & Shock)
Repeater	PSR-78-9533-U	UL 2524 Listed Channelized 2W Digital Repeater for Public Safety 700/800 MHz
Repeater	PSR-78-9537-U	UL 2524 Listed Channelized 5W Digital Repeater for Public Safety 700/800 MHz
Repeater	PSR-78-8527-PKG	0.5W DSP 700/800MHz Public Safety Repeater with Annunciator
Repeater	PSR-VU-9537-U	UL 2524 Listed Channelized 5W Digital Repeater for VHF/UHF
Repeater	PSR-U-9537-U	UL 2524 Listed Channelized 5W Digital Repeater for UHF
Repeater	PSR-VU-RMK	19" Rack Mount Bracket For PSR-VU-9537 OR PSR-78-9537
Repeater	PSR-AAI-CBL	Dry Contact Alarm Cable for PSR-78, PSR-VU, and ADXV RU
Repeater	PSR-ANN-CBL-10	10ft PSR-ANN-X Annunciator Cable
Repeater	PSR-ANN-CBL-20	20ft PSR-ANN-X Annunciator Cable
Repeater	PSR-ANN-CBL-33	33ft PSR-ANN-X Annunciator Cable
Repeater	PSR-ANN-CBL-66	66ft PSR-ANN-X Annunciator Cable
Repeater	PSR-ANN-L	PSR Annunciator (8-PIN) Compatible with the PSR-78-8527-PKG and PSR-U Series with Adapter Kit for Installation Up to 1000 Feet Away
Repeater	PSR-ANN-L-CLB-100	100ft PSR-ANN-L Annunciator Cable
Repeater	PSR-ANN-L-CBL-500	500ft PSR-ANN-L Annunciator Cable
Repeater	PSR-ANN-L-CBL-1000	1000ft PSR-ANN-L Annunciator Cable
Repeater	PSR-ANN-U	PSR Annunciator (12-pin) compatible only with the PSR-U series
Repeater	PSR-ANN-U-CBL-10	10ft PSR-ANN cable compatible with only the PSR-U series
Repeater	PSR-ANN-U-CBL-20	20ft PSR-ANN cable compatible with only the PSR-U series
Repeater	PSR-ANN-U-CBL-33	33ft PSR-ANN cable compatible with only the PSR-U series
Repeater	PSR-ANN-X	PSR Annunciator (12-pin) compatible only with the PSR-X series
Repeater + DAS Head End	FiRe-78-4	Fiber Optic Repeater supports 700/800MHz and up to 4 RU
Repeater + DAS Head End	FiRe-AAI	Fiber Optic Repeater Auxiliary Alarm Interface Module
Repeater + DAS Head End	FiRe-AAI-CBL	Dry Contact Alarm Cable for FiRe-AAI (No Aux Input Pins)
Repeater + DAS Head End	FiRe-78-RMK	19" Rack Mount Bracket For FiRe-78-4 OR PSR-78-9533

Web www.adrftech.com

Tel +1 818.840.8131 Fax +1 818.840.8138

Technical/Customer Support +1 800.313.9345

3116 West Vanowen Street Burbank, CA 91505

Copyright © 2022 Advanced RF Technologies, Inc. All rights reserved. ADRF - PS_Brochure / January 2022

