

# HIGH POWER ENTERPRISE DAS REMOTE

## 136 - 869 MHz

A Series

### Product Features

- Specifically designed for LMR Enterprise Applications
- Field expandable
- No need of "Front End BDA" or "POI", reduced infrastructure cost
- Band Selective
- UL2524 2nd Edition Listing with SGS, Nationally Recognized Testing Laboratory (NRTL) approved by OSHA for UL2524.
- IFC 2015, 2018, 2021 Edition
- NFPA 72 2013 Edition, NFPA 1221 2016 2019 Edition
- Buy American Compliant: Meets the definition of Domestic Construction Material under the Buy American Act



### Applications

- For P25 Ph1, P25 Ph2, DMR, TETRA, TETRAPOL, LTE (up to 960MHz) NXDN and Conventional Systems
- Indoor: tunnels, buildings, subways, airports, among others
- Outdoor: stadiums, canyons, dense urban areas, remote rural towns

### Specifications

### Value

Fiber Optic	Single mode
WDM	Yes
Optical wavelengths	1310 / 1550 nM
Operational bands	VHF + UHF / PS700 + FirstNet + PS800
Number of band pass	One per band
Bandwidth	Full band
Number of optical ports	1 for MU
Optical return loss	> 45dB
Number of RF ports	VHF + UHF: 1 for DL out and 1 for UL in, 700+Firstnet+800: 1 for service antenna
RF Input/Output Impedance	50Ω
UL maximum input power	0dBm
manual attenuator	20dB in 1 dB steps +/- 0.5 dB
RF connectors	N (f)
Optical connectors	FC / APC
Composite Output Power, DL	VHF: 30 dBm UHF: 37 dBm 700&800 (including FirstNet): 37 dBm per band
DL IMD and spurious generation	< -13 dBm
Noise figure	< 9 dBm
Power Supply	See table
Housing	IP67 / NEMA4X
Environmental	EN 300 019 4.1
Temperature range	-22° to +131° F • -30° to +55° C
Humidity	< 95% non condensing
MTBF	> 50.000 hours

DOC BD424.02 • 10202021 -DMC  
 Fiplex is a registered trademark of Fiplex Communications, Inc.  
 Fiplex Communications, Inc. reserves the right to change specifications without prior notice.

# HIGH POWER ENTERPRISE DAS REMOTE

## 136 - 869 MHz

**A Series**

### Control and Alarms

Alarms report

### Value

Via Master Unit

Local: USB (POWER STATUS, MU STATUS, RM STATUS)

Remote: SNMP (Ethernet)

Remote Unit Configuration

Local: USB

### Normative

Standards

### Value

ITU T G 652

EN60825-1

FCC

FCC, CFR 47, Part 15, Subpart B, Class A digital devices

FCC, CFR 47, Part 90, Subpart I

FCC ID Remote VHF/UHF

P3TA14-2A

FCC ID Remote 700/800

P3TA7S-3A

Model	Type	Power Supply	Dimension	Weight
A14-A-3037	VHF + UHF	AC	30 x 24 x 16 in	40 Kg
A7S-D-37	700 + firstnet + 800	DC	30 x 24 x 16 in	40 kg
A7S-A-37	700 + firstnet + 800	AC	30 x 24 x 16 in	40 kg
A14-D-3037	VHF + UHF	DC	30 x 24 x 16 in	40 kg