

### Product Features

- Specifically designed for LMR Enterprise Applications
- Field expandable
- No need of “Front End BDA” or “POI”, reduced infrastructure cost
- Band Selective
- NFPA Compliant
- 3-year warranty
- 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

Specification	Value
Fiber-Optic	Single mode
WDM	Yes
Optical Wavelengths	1310 / 1550 nM
Operational Bands	VHF + UHF or 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	50 $\Omega$
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	<ul style="list-style-type: none"> <li>• VHF: 24 dBm</li> <li>• UHF: 30 dBm</li> <li>• 700&amp;800 (including FirstNet): 33 dBm per band</li> </ul>
DL IMD and Spurious Generation	< -13 dBm
Noise Figure	< 9 dBm
Power Supply	See Table
Power Consumption	70W
Housing	NEMA4
Environmental	EN 300 019 4.1
Temperature Range	-22° to +131° F • -30° to +55° C
Humidity	< 95% non condensing
MTBF	> 50.000 hours

**Control and Alarms****Value**

Alarms Report

- Via Master Unit
- Local: USB (POWER STATUS, MU STATUS, RM STATUS)

Remote Unit Configuration

Local: USB

**Normative****Value**

Standards

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 700/800

P3TA7S-1A

FCC ID VHF/UHF

P3TA14A

Model	Type	Power Supply	Dimension	Weight
A14-A	VHF+UHF	AC & DC	27.2 x 20.0 x 9.0 in (690.88 x 508.0 x 228.6 mm)	60 lbs - 27 Kg
A72-A	700+firstnet+800	AC	27.2 x 20.0 x 9.0 in (690.88 x 508.0 x 228.6 mm)	60 lbs - 27 Kg
A72-D	700+firstnet+800	DC	27.2 x 20.0 x 9.0 in (690.88 x 508.0 x 228.6 mm)	60 lbs - 27 Kg

**Ordering Information****A14-A:** VHF&UHF ENT REMOTE, CLASS B, ND&ND, ACDC**A7S-A:** 700/800MHZ ENT DAS REMOTE, CLASS B, 2W, A**A7S-D:** 700/800MHZ ENT DAS REMOTE, CLASS B, 5W, D