

Advanced Lightning Protection Unit

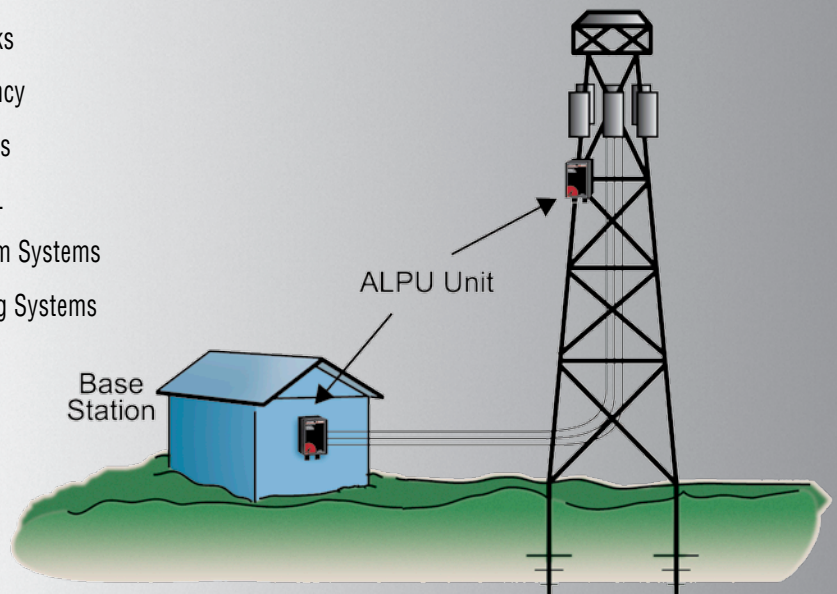
Today's wireless broadband technology involves sensitive electronic equipment which you depend upon for systems reliability. Your wireless broadband radios will experience unpredictable and potentially destructive power quality conditions such as lightning and transients causing your business maintenance time and costs, radio replacement costs and customer dissatisfaction. The ALPU Series utilizes advanced silicon avalanche suppression diode technology (SASD) to safeguard your valuable wireless broadband equipment. Protection is required by NEC (National Electric Code) and NFPA (National Fire and Protection Agency Standards). The success of your wireless broadband systems requires a superior protection solution provided by Transtector Systems.



TRANSTECTOR

Applications

- WiFi/WiMAX
- Wireless WAN/LAN
- Last Mile Access
- Mobile Networks
- Fiber Redundancy
- Fiber Extensions
- Broadband/DSL
- Video and Alarm Systems
- Tower Lightning Systems



smiths

ALPU Series

Advanced Lightning Protection Unit Protects Broadband Wireless Units

Features

- Metal or plastic outdoor enclosures
- Custom configurations for T-1, DS3/E3, POTS, Ethernet & AC/DC Power
- Available private label/co-label options
- Non-degrading, fast response, patented silicon diode technology, optional MOV, gas tube
- Customizable platform for power and data protection
- Protection to IEC 61000-4-5
- Easy connection option for a field friendly installation
- Designed to self sacrifice in catastrophic events and take protected equipment offline
- UL 497 listing available

Configurations & Specifications

ALPU Model	POE	POE-60V	TSU	3ETH	BSU	ORT	ALVR	VIV
Data	1 Ethernet	1 Ethernet	1 Ethernet	3 Ethernet	6 Ethernet	100M/GigE	2 Ethernet	N/A
DC	24/48VDC	48VDC	48VDC	48VDC	48VDC	55VDC	55VDC	120VAC
Cable Entry/Exit	2	2	2	4	6	2	2	16
Service Frequency	Multiple Application Specific							
Response Time (Max.)	<5 Nanoseconds							
Operating Temperature	-40° to +80°C							
Part Number	1101-656-1	Contact Us	1101-656	1101-649	1101-682	1101-778	1101-640	1101-708

Dimensions

ALPU

5.5" H X 4" W X 3.5" D
13.97 cm X 10.16 cm X 8.89 cm

ALPU-BSU

12" H X 6" W X 2.25" D
30.48 cm X 15.24 cm X 5.72 cm

Warranty

Five (5) year unconditional warranty
Ten (10) year manufacturer warranty

Transtector has developed ALPUs specific to these manufacturers:

Alvarion	Vivato
Stratex	Orthogon
Motorola	LPN Wireless
DragonWave	Terabeam/ Proxim

Custom products for these or other manufacturers are available upon request

