



Overview:

FES-44 Port IPDSLAM ensure the interoperability with standard compliant VDSL/ADSL CPE & compliant with ITU-T G.993.2, G994.1, G.997.1 and G.993.5 vectoring and bonding. Supports with 100 Mbps in both upstream and downstream traffics on VDSL with two Gigabit combo ports to connect upper layer attach to a relay rack/cabinet or can be mounted to a wall with the wall mount bracket version.

Header :

Brand : FES
Product Line : Forever Engineering Systems Pvt. Ltd.

Features:

SYSTEMS :

- 16 K MAC addresses
- 256 static MAC address filtering & Port security (Optional)
- Broadcast/Multicast/Destination lookup fail storm control
- Spanning tree protocol (IEEE 802.1D)
- QoS (IEEE 802.1P, 8 priority queues)
- Port-based and tag-based (IEEE 802.1Q) VLAN
- GVRP for automatic VLAN membership registration
- Link aggregation (IEEE 802.3ad)
- IGMP snooping, MVR, RMON, SNMP
- MIB II, RFC1493, 2674 and 1757 MIB, and private MIB
- Web management
- FTP for firmware upgrade
- CLI through console port and telnet IPv4, IPv6
- ADSL2+/VDSL2 bonding
- ADSL2+ fallback & bonding
- G.INP (G.998.4)
- VDSL2 Vectoring (Optional)

Hardware :

- 1U, 19" rack mountable

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- o Telco 50 for 24 VDSL & POST ports
- o 2-slot 100/1000 Mbps Ethernet uplink/downlink
- o 2-slot Gigabit fiber uplink/downlink (Combo)
- o Built-in POTS splitter supports 600 ohm ETSI
- o AC and DC dual power (Power redundancy optional):
 - AC input: 100 VAC to 264 VAC, 60 Hz \pm 3 Hz
 - DC input: -36 VDC to -72 VDC
- o Power consumption: 63 W

Performance :

- o T568A & T568B wiring scheme
- o Insertion force: 20N max. (IEC 60603-7-4)
- o Retention strength: 7.7 kg between jack and plug
- o Life (mating cycles):
 - Jack: 750 cycle's min (ISO/IEC 11801, IEC 60603-7-4)
 - IDC: suitable for 22-26 AWG stranded and solid wire compatible with both 110& Krone punch down tools
- o The Cat6 transmission performance is in compliance with the ANSI/TIA/EIA 568B.2 -1 standard
- o Six port modules applied

Environmental Parameters

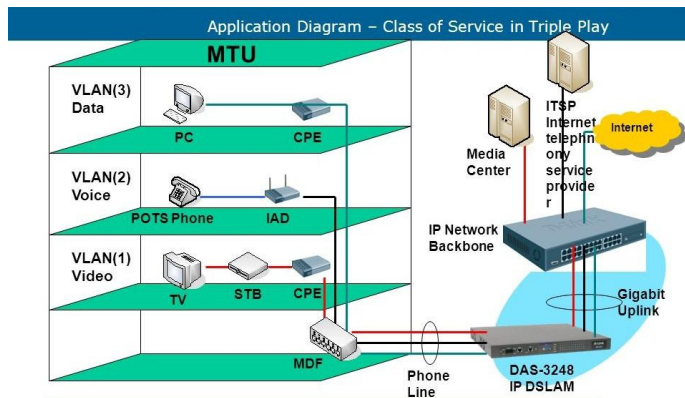
- o Operating Temperature: -40°C to 65°C (-40°F to 149°F)
- o Operating Humidity: 10% to 95% (Non-condensing)
- o Storage Temperature: -40°C to 70°C (-40°F to 158°F)
- o Storage Humidity: 5% to 95% (Non-condensing)

Compatibility

- o ALL MAKES Supported

Technical Specification

o Type of Gateway	o TDM/FXS EXTENSION
o Details of functionality provided	o TDM/FXS EXTENSION, TDM CO/JUNCTION / FXO, MEDIA CHANNEL
o Ports Per Gateway	o 48
o Make of EPABX supported	o All Makes Support
o Model of EPABX supported	o All Makes Support
o Other Features	o 48ADSL2+, 2GE (48ADSL2+, 1GE, 1SFP)
o ADSL/ADSL2/ADSL2+	o Downstream: <25Mbps / Upstream : <1Mbps
o Distance up to	o ADSL - <6-8KM
o Cable (telco)	o Included
o Modem (CPE)/ Module (SFP)	o Optional



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