

Chassis For Central Offices



WorldDSL is ADC's line of high-speed HDSL access devices specifically designed for the diverse telecommunications needs of global markets. Ideal for telco and enterprise networks, WorldDSL products comply with international standards to ensure compatibility, performance and safety within your network environment. Each WorldDSL chassis accommodates any mix of LTUs or UTUs. The EMS-830 is designed for those countries that utilize rear mounted connections, while the EMS-832 has an extended backplane that enables front access to all connections.

WorldDSL chassis are fully connectorized for a management card. Any WorldDSL management card may be installed, enabling the entire shelf to be managed locally or remotely through a dial-up modem or Ethernet LAN. The management card is equipped with six Form C dry contact relays which are software driven to indicate critical, major and minor alarms. Alarms may be generated by any HDSL modem or by the management card.

Features:

- Rugged steel units
- Mounts in 19 or 21 inch standard racks
- Dual (A and B) DC power inputs
- Fully connectorized
- Rear mounted connections or extended backplane for front access to all connections
- Meets international safety and emissions criteria

Ordering Information

Catalog No.	Part No.	HDSL Card Capacity	Management Card Capacity	Description
EMS-830*	150-1400-01*	1 to 16	One	Rear mounted connectors
EMS-832*	150-1402-01*	1 to 16	One	Front mounted connectors

*Note: Effective 1 January 2001, if a CE mark is required, add an "L2" suffix to the Catalog No., and change the last segment of the Part No. from "-01" to "-11".

EMS-830 and EMS-832

Capacity	1 to 16 WorldDSL LTUs or UTUs (any mix) and 1 management card
HDSL Interface	Connector: Amphenol type Telco 25-pair (EMS-830) DB9F, adapters available (EMS-832) Protection: ITU-T K.20 and K.21 compliant
E1 Interface	Impedance: 120 Ω balanced or 75 Ω unbalanced Connector: both D15F (balanced) and BNC (unbalanced)
Data Interface	Connector: D25F, adapters available
Performance	Alarms: Form C relay contacts normally open, normally closed and common are brought to connectors for each HDSL and management card
Power Requirements	DC Input Power: -36VDC to 72VDC DC Connector: -48VDC, return, frame ground, A and B inputs
Physical	Size (H x W x D): 175 x 430 x 263 mm (EMS-830) 350 x 432 x 250 mm (EMS-832) Weight: 7.7 Kg (EMS-830) 9.1 Kg (EMS-832)
Environmental	Operating Temperature: -5°C to +50°C Storage Temperature: -40°C to + 85°C Humidity: up to 95% RH -noncondensing
Regulatory	CE marked (see CE Declaration for specific combinations allowed) Safety: EN60950 Emissions and Immunity: EN55022, EN-50081-1, EN-50082-1 (prior to 1 January 2001) EN 300386-2 (after 1 January 2001) Lightning Protection: K.20 and K.21



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