

Central Office/Customer Premises Enclosures



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. WorldDSL offers a variety of enclosures for use at the customer premises or central office. All WorldDSL enclosures will accommodate any of the LTUs or UTUs and are fully connectorized with the exception of the outdoor enclosure, the ERE-826, which comes equipped with a 25 ft. cable stub. ERE-811's or the ERE-821 are suitable for desktop use or can be wall mounted.

- ERE-811, L2** Small, compact, durable all metal enclosure with rubber desktop feet
Wall mounting holes incorporated into metal enclosure
Internal wide input range AC to -48VDC converter
E1 connectors for both 120 Ω balanced and 75 Ω unbalanced
25-pin data port connector; Alarm connector
IEC 320 AC Inlet
AC or DC or both for environments where DC backup is needed
- ERE-811, L4** ERE-811, L2 features without internal AC to DC converter
Lower cost where -48VDC power is available
Used with UTU-801, L4 extended temperature HDSL modem or any line-powered or DC-powered UTU
- ERE-821** ERE-821 provides connectors for each of the 2 card slots
AC or DC or both for environments where DC backup is needed
Dual internal AC to DC converter
Priority switching module included
- ERE-826** Pole or manhole mounted outdoor enclosure
Primary protection for both E1 and HDSL circuits
Compatible with line-powered UTU-801
Gel-filled cable stub

Ordering Information

Model	Part Number	Card Capacity	Description
ERE-811, L2 ERE-811, L5*	150-1411-02 150-1411-12*	1- any LTU/UTU/NTU	Internal AC to DC converter or DC power or both.
ERE-811, L4 ERE-811, L7*	150-1411-04 150-1411-14*	1- any LTU/UTU/NTU	DC power only – for use in DC environments with any plug-in module or for high temperature environments with the UTU-801, L4.
ERE-821	150-1416-01	2- any LTU/UTU/NTU	Internal AC to DC converter or DC power. Supports EPS-831 protection switch module for ultra-high reliability applications.
ERE-826	150-1412-01	1- any UTU/NTU	Outdoor weatherproof enclosure. Includes gas tube surge arrestor for HDSL and E1.

*Note: Effective 1 January 2001, if a CE mark is required, use these model and part numbers instead.
The L5 is functionally identical to the L2, and the L7 is functionally identical to the L4.

ERE-811, L2 and L4

Capacity	One WorldDSL LTU or UTU 2-pair or rate selectable
HDSL Interface	Connector: DB9F (adapters available) Protection: ITU-T K.20 and K.21 compliant
E1 Interface	Impedance: 120 Ω balanced or 75 Ω unbalanced Connector: both DB15F (balanced) and BNC (unbalanced)
Data Interface	Connector: DB25F (adapters available)
Performance	Alarms: Form C relay contacts normally open, normally closed and common part of E1 DB15F connector
Power Requirements	DC Input Power: -36 to 72VDC AC Input Power: 100 to 240VAC nominal, 90 to 264VAC maximum (ERE-811, L2 only) AC Input Frequency: 50 to 60 Hz nominal, 47 to 63 Hz maximum (ERE-811, L2 only) AC and DC power can be attached simultaneously (ERE-811, L2 only) Consumption: dependent on card installed AC Connector: IEC 320 compliant (ERE-811, L2 only) DC Connector: -48VDC, return, frame ground
Physical	Size (HxWxD): 57 x 197 x 286 mm; Weight: 0.85 Kg. (ERE-811, L2); 0.8 Kg. (ERE-811, L4)
Environmental	Operating Temperature: -5°C to +50°C (ERE-811, L2) Operating Temperature: -40°C to 65°C (ERE-811, L4) Storage Temperature: -40°C to +85°C Humidity: up to 95% RH non-condensing
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)

ERE-821 (includes all ERE-811, L2 specifications with the following exceptions)

Capacity	Two WorldDSL LTUs or UTUs 2-pair
Protection	Compatible with 2-pair LTU/UTUs
Switching	Programmable to switch on LOSW, MAR or ES exceeding threshold
Physical	Size (HxWxD): 50 x 432 x 241 mm; Weight: 1.7 Kg.

ERE-826

Capacity	1 WorldDSL UTU-801 (G.703/G.704)
HDSL Interface	2-pairs, each with primary lightning protection; secondary protection: ITU-T K.20/K.21 compliant
E1 Interface	2-pairs, each with primary lightning protection; secondary protection: ITU-T K.20/K.21 compliant Impedance: 120 Ω balanced
Cable Stub	Type: 6-pair non-hygroscopic gel-filled; Length: 7.62 m
Physical	Size (HxWxD): 64 x 197 x 362 mm; Weight: 1.8 Kg.
Environmental	Operating Temperature: -5°C to +50°C Storage Temperature: -40°C to +85°C Humidity: up to 95% RH non-condensing



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