



DATA SHEET

ETHEREXTENDER



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Features

- Extend the reach of SHDSL
- Increase bandwidth to current customers
- Line powered
- Up to 8 EtherXtenders in series
- Up to 40km
- Compatible with Type 239 enclosure

Overview

SHDSL EFM allows for symmetric bandwidth over logically bonded copper pairs. DZS' SHDSL EFM product offerings allow service providers to offer higher bandwidth services without requiring a conversion to fiber. Bonding multiple copper loops has several advantages including increased throughput, robustness, and flexibility. The ETHX product line is a family of CPE products capable of bonding up to 8 copper pairs and include the features needed to service a small to medium sized business.

DZS' line of ETHX access devices are built for reliability and resiliency: dynamic and proactive performance monitoring ensures the quality of bonded groups;

seamless failure recovery and hitless adds and drops ensure maximum uptime; a hardware platform designed for a carrier environment. With application-aware traffic control services and built-in OAM, ETHX is able to provide more intelligence to a larger portion of the network than any other CPE, making EtherXtend the leading choice for delivering business-class SLAs over Ethernet.

The EtherXtender is a SHDSL EFM repeater that extends the reach of SHDSL EFM loops expanding the service provider's radius of reach. EtherXtender is a line powered device so no local power is required. Up to 8 EtherXtenders can be placed in series expanding service reach by a



Specifications

<p>DIMENSIONS</p> <ul style="list-style-type: none"> H 2.58" x W 0.76" x D 6.51" (Without wire handle depth is 6.40") <p>POWER</p> <ul style="list-style-type: none"> DC: -42V to -60V Optional AC and Line Power Supplies <p>INTERFACES</p> <ul style="list-style-type: none"> Supports up to two copper pairs (two SHDSL loops) 	<p>BANDWIDTH / DISTANCE</p> <ul style="list-style-type: none"> 5.7Mbps per copper pair Up to 40 km <p>REGULATORY COMPLIANCE</p> <ul style="list-style-type: none"> UL FCC IC <p>OPERATING REQUIREMENTS</p> <ul style="list-style-type: none"> -40 C to +65 C
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Ordering Information

MODEL	DESCRIPTION
ETHERXTENDER	EFM SHDSL REPEATER
REPEAT ENCLOSURES	
REPEATER-ENCL-2SLOT-5FT	ETHERXTENDER ENCLOSURE WITH 8 SLOT. 5' CABLE
REPEATER-ENCL-2SLOT-30FT	ETHERXTENDER ENCLOSURE WITH 8 SLOT. 30' CABLE
REPEATER-ENCL-8SLOT-30FT-GELCBL	ETHERXTENDER ENCLOSURE WITH 8 SLOTS. PRESURIZED. 30' GEL CABLE
REPEATER-ENCL-8SLOT-30FT-AIRCBL	ETHERXTENDER ENCLOSURE WITH 8 SLOTS. PRESURIZED. 30' AIR CABLE
LINE POWERSHELF AND CABLES	
LPS36-SHELF-23	LPS36 POWER SHELF NO FAN 2U 23 INCH 12 SLOT
LPS36-SHELF-19	LPS36 POWER SHELF NO FAN 2U 19 INCH 12 SLOT
LPS36-CNTL	LPS36 CONTROL MODULE
LPS36-PWR-MODULE-130VDC	LPS36 POWER MODULE +/- 130 VDC 4 CHANNEL PER CARD
LPS36-FILLER-PANEL-KIT	PS36 BLANK FILLER PANEL
LPS36-FAN-TRAY-23	FAN TRAY FOR LPS36 NEEDED IF STACKING SHELVES
LPS36-FAN-TRAY-19	FAN TRAY FOR LPS36 NEEDED IF STACKING SHELVES
LPS36-CBL-MXK-LINE-POWER	LPS36 to MXK, RAPTOR, MALC EFM CONNECTOR