

Total Access 850 DSX-1 Module

P/N 1200385L1



The Total Access 850 DSX-1 Module is for use with the Router Controller Unit (RCU) only. This module provides data support (no RBS for voice applications) for Customer Premises Equipment (CPE) and CANNOT be connected to network resources; this module is for connection to CPE only.

SPECIFICATIONS

Capacity	T1: 1 to 24 DS0s
Framing	ESF and SF (D4)
Line Build Out	DSX-1: 0 to 655 feet in 139-ft increments
Line Coding	AMI (alternate mark inversion) or B8ZS (bipolar 8 zero substitution)
Line Rate	1.544 Mbps $\pm$ 75 bps
Terminating Impedance	100 Ω $\pm$ 5%
Tests	Self-test, local line, local payload, remote line, and remote payload
Environmental	Operating Temperature: 0° C to 50° C Storage Temperature: -40° C to +70° C Relative Humidity: Up to 95% noncondensing

LED DESCRIPTIONS

Color	Description
OFF	No power to the system
GREEN	DSX-1 signal is present and synchronized; the DSX-1 channels are configured for use
RED	Active channel alarm on the DSX-1 interface
Solid AMBER	Channel test in progress
Blinking AMBER	Module is initializing (during startup)

DSX-1 CONNECTION PINOUT

Pin	Name	Description
1	R1 RXDATA-RING	Receive data from the network (RING)
2	T1 RXDATA-TIP	Receive data from the network (TIP)
3	UNUSED	—
4	R TXDATA-RING	Transmit data towards the network (RING)
5	T TXDATA-TIP	Transmit data towards the network (TIP)
6-8	UNUSED	—

INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the appropriate slot of the Total Access 850 chassis.



Dangerous voltage is exposed when the cover plate is removed.

2. Position the module to fit in the lower and upper grooves.
3. Slide the module into the option slot, pressing equally on the top and bottom of the faceplate until the module is firmly positioned against the back of the chassis.
4. Push in the ejector on the lower left-hand side of the module to finish seating the module.