

**INSTALLATION INSTRUCTIONS**



1. Remove the cover plate from the appropriate option slot in the ATLAS 800 Series Base Unit.
2. Slide the T3 Module into the option slot until the module is firmly positioned against the front of the chassis.
3. Secure the thumbscrews at both edges of the module. Tighten with a screwdriver.
4. Connect the cables to the associated device(s).
5. Complete installation of remaining modules and Base Unit as specified in the Installation chapter of the appropriate ATLAS 800 Series System Manual.

**SPECIFICATIONS**

**Temperatures:** Operation: 0°C to 45°C  
 Storage: -20°C to 70°C  
 Relative Humidity: To 95% Noncondensing

**Line Rate:** 44.736 Mbps, ±895 bps

**Capacity:** T3: 28 T1s; 672 DS0s

**Line Codes:** B3ZS (Bipolar Three Zero Substitution)

**Framing:** M13 or C-bit parity

**Tests:** Power-up self test, line loopback, port loopback

**Connectors:** BNC female - 1 receive, 1 transmit

**Terminating Impedance:** 75Ω ± 5%, unbalanced

**NETWORK CONNECTION PINOUT**

Name	Description
RX IN	Receive data from the network
TX OUT	Transmit data towards the network

Modules	Sit	DS3 Menus		Part Number	LOS
	Type	Module Alarms	Serial Number	Red	Prt
Alarm	Menu	Test Activity	DS1 Framing Rev	Blue	CLR
	Test		M13 Rev	Yel	ES_L
State	Rev	Online	Alarms	FE Alarms	SES_L
		Offline	RX Framing	CBIT	LOSS_L
			DS3 Alarm Status	CV_P	CV_P
			DS3 Performance (Curr, 15Min, and 24Hr)	ES_P	ES_P
			DS3 Configuration	SAS_P	SAS_P
			DS3 Test	SES_P	SES_P
			DS1 Alarm Status	UAS_P	UAS_P
			DS1 DS0 Status	Short	Short
			DS1 DS0 Alarms	Long	Long
			DS1 Sig Status	None	None
			DS1 Performance (Curr, 15Min, and 24Hr)	DS3 Line	DS3 Line
			DS1 Config	DS1 #1 Line	DS1 #1 Line
			DS1 Test	DS1 #2 Line	DS1 #2 Line
				Red	Red
				Yellow	Yellow
				Blue	Blue
				DS0 Alarm	DS0 Alarm
				BES	BES
				SES	SES
				SEFS	SEFS
				LOF-C	LOF-C
				CSS	CSS
				UAS	UAS
				PCV	PCV
				ESF	ESF
				D4	D4
				On	On
				Off	Off
				Accept	Accept
				Ignore	Ignore
				None	None
				Line	Line
				Payld	Payld
				ATT Inband Line	ATT Inband Line
				ANSI FDL Line	ANSI FDL Line
				ANSI FDL PYLD	ANSI FDL PYLD
				INBAND NIU	INBAND NIU
				None	None
				All Ones	All Ones
				All Zeros	All Zeros
				QRSS	QRSS