



## T1/ E1 ATM/ Frame Relay Interface Card for Loop-AM3440

### Features

- PVC type ATM Service.
- T1: T1 ATM UNI to FR (N x 64 Kbps, n = 1 to 24).
- E1: E1 ATM UNI to FR (N x 64 Kbps, n = 1 to 31).
- Up to 31 logical FR interfaces.
- Support up to 128 DLCIs for total of 31 FR interfaces.
- Support up to 128 VCs.
- FR to FR multiplexing.
- AAL0 and AAL5 are supported in the ATM adaptation layer.
- Support VBR service.
- ITU FR management protocols are supported.
- Software field upgradable.



### Description

Loop Telecom's T1/E1 ATM Frame Relay is a plug-in card, designed for the Loop-AM3440 Muxmaster Series. When used within the 3440, this card combines the functions of ATM/Frame Relay and CSU/DSU. With this card, access from a Frame Relay customer's FRAD equipment to an ATM/ FR switch is accomplished within one box, resulting in savings in cost and space.

### Ordering Information

To specify options, choose from list below:

Model (non RoHS compliant)	Model (RoHS compliant)	Description
Loop-AM3440-AFRT	Loop-AM3440-AFRT- <b>G</b>	T1 Frame Relay to ATM inter-working or Frame Relay to Frame Relay concentration
Loop-AM3440-AFRE	Loop-AM3440-AFRE- <b>G</b>	E1 Frame Relay to ATM inter-working or Frame Relay to Frame Relay concentration

# T1/ E1 ATM/ Frame Relay for Loop-AM3440 Series Product Specification

## Network Line Interface

Supporting Network Interworking (FRF.5) and service interworking (FRF.8).

Network Interface	T1 Module	T1 Channelized ATM UNI FR (n x 64 Kbps, n=1 to 24)
	E1 Module	E1 Channelized ATM UNI FR (n x 64 Kbps, n= 1 to 31)

Up to 31 logical FR channels can be concentrated/de-concentrated to FR or ATM.

Service Ports	T1/FT1 interface	n x 64 Kbps, n=1 to 24
	E1/FE1 interface	n x 64 Kbps, n= 1 to 31

Support HDLC to FR

Support HDLC to ATM

Supporting FR to FR multiplexing.

Support up to 128 DLCIs for total of 31 FR interfaces.

Support up to 128 VCs.

Peak cell rate on DLCI basis.

Manufacturing disable/enable ATM scrambling for internal testing (E1 ATM only).

AAL0 and AAL5 are supported in the ATM adaptation layer.

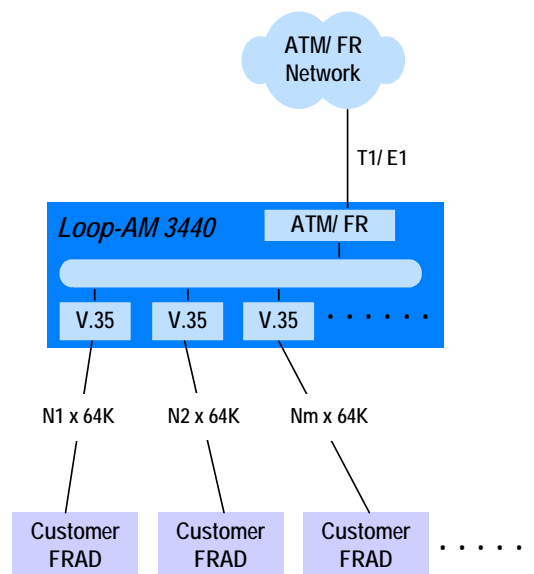
Support VBR service.

ANSI and ITU FR management protocols are supported.

Flash memory software download through RS485.

Only the PVC type of ATM/FR service is supported.

## Application Illustration



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