

# Nokia ACL8i Line Terminal



## General

The Nokia ACL8i is an SHDSL line terminal for data transmission over twisted copper pairs. It provides  $n \times 64$  kbit/s access to digital trunk networks, either transparently or in a G.704/2M frame structure.

The equipment interface is according to G.703/704 specifications and for subscriber lines, the Nokia ACL8i uses TC-PAM line coding according to SHDSL standards.

Naturally, the Nokia ACL8i integrates into the Nokia access transmission system family. It shares Eksos mechanical racking and power. Nokia ACL8i uses Q1 management and interworks with all Nokia compliant SHDSL Network Terminals, such as the Nokia DNT2Mi in tributary applications and the Nokia DSL2i regenerators for long distance connections.

## Application Areas

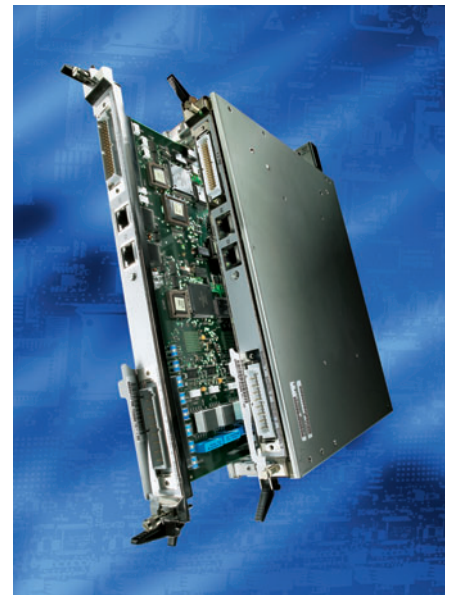
The Nokia ACL8i line card can be used in a number of applications which require efficient remote subscriber access over copper lines. With the Nokia ACL8i line

card connected over the local loop to a Nokia DNT2Mi SHDSL Network Terminal at the subscriber end, this provides an effective way to create versatile data communication networks and modem pool applications.

At the network end, the Nokia ACL8i provides G.703/704 access to other 2Mbit/s equipment in the transport network, such as multiplexers and cross connects. The Nokia ACL8i Line Terminal typically connects to a multiplexer that provides interfaces to voice, data or PBX services.

## Network Management

Along with Nokia Dynanet products, the Nokia ACL8i can be managed locally with the Nokia Service Terminal or PC-based management tools. Remote management is possible through using Nokia Network Management system (NMS) platform tools and management features include remote configuration, test loop activation, line quality monitoring and alarms.



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