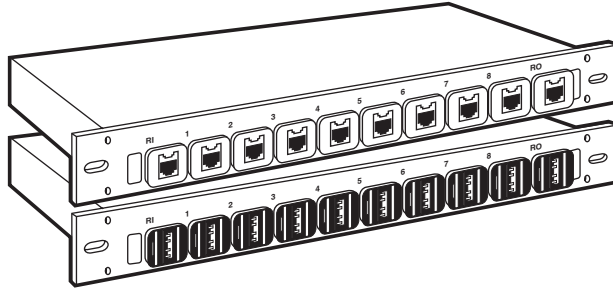


BLACK BOX[®]

NETWORK SERVICES

Smart Token Ring Access Unit



Connect to up to 8 workstations to a Token Ring network at 4 or 16 Mbps.

Key Features

- ▶ Compatible with IBM Token Ring at 4 or 16 Mbps.
- ▶ Supports eight workstations.
- ▶ Takes up minimal rack space—it's only 1U high.
- ▶ Choose either RJ-45 connectors or IBM Data Connectors.

Overview

The Smart Token Ring Access Unit provides physical and electrical interconnection between workstations and the IEEE 802.5 Token Ring network. The unit is a passive wiring concentrator, which offers star-shaped ring topology for eight users. For larger networks, several Smart Token Ring Access Units can be linked together by connecting

Ring In/Ring Out expansion ports.

The Smart Token Ring Access Unit runs at 4 and 16 Mbps. It also operates without power. However, a power supply is required for each RI or RO option installed.

To simplify diagnostics and troubleshooting, each lobe is equipped with an LED that indicates that a station is

actively inserted into the ring. A network management option enables the Access Unit to connect to the Network Management System via an independent, low-bit-rate communication channel, using a separate 4-wire line. This gives you continued management of the network, even if the ring is down.

For these and other components...

Call our expert Technical Support Staff for all your LAN needs. They'll help you find the best equipment for your application.

Specifications

Electrical

Connectors — Standard Unit (LT0006A): (10) 4-position data connectors; Unit with RJ-45 option (LT0006A-RJ): (10) self-shorting RJ-45 connectors

Power — Operates without power; each RI/RO option requires an external power supply of either 9V @ 300 mA or 7.5V @ 800 mA

Network Management

Transmission Line — 4-wire telephone lines (2 twisted pairs)

Data Rate — 2400 bps, async

Interface — RS-485 compatible

Mechanical Interface — (2) RJ-45 connectors

Address Setting — 6-position DIP switch

Input Voltage Range — 10 to 28 VDC

General

Operating Temperature — 0 to 50°C

Relative Humidity Tolerance — 10 to 90%, noncondensing

Size — 4.3 x 48.3 x 17.3 cm

Weight — 2.2 kg

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Smart Token Ring Access Unit	LT0006A
Network Management Card	LT0006A-NMC
w/Copper Repeaters and Cable-Fault Protection	LT0006A-IC16
w/RJ-45 Ports and Cable-Fault Protection ..	LT0006A-ICOC
w/Cable-Fault Protection	LT0006A-IPNM
Unit with Cable-Fault Protection	LT0006A-IPOP
w/RJ-45 Ports	LT0006A-RJ