Token-Ring connectivity for IBM Cabling System users

IBM 8228 Multistation Access Unit

• **Supports STP and UTP cabling**

• **Offers connections for up to eight devices**

• **Supports interconnection with other hubs**

• **Offers flexible mounting options**

• **Provides 8 Token-Ring ports**

• **Offers RI/RO ports**

The IBM 8228 Multistation Access Unit is a simple 8-lobe wiring concentrator that can be installed in a rack in a wiring closet. Each 8228 allows up to eight attaching devices to have access to a ring. The 8228 does not require an external power source for operation.

Workgroup Hubs

Token-Ring

Product Overview

The IBM 8228 is an unintelligent, unpowered Token-Ring multistation access unit. It can attach up to eight devices in a 4-Mbps or 16-Mbps Token-Ring network. Using IBM Cabling System ICS Connectors, cables from the workstations or devices are simply plugged into the unit. The 8228 supports STP cabling as well as UTP cabling when used with appropriate connectors or filters.

8228s can be linked together to form rings that are larger than eight lobes by attaching the RO receptacle of one 8228 to the RI receptacle of another 8228. The 8228 uses IBM type 1 or type 2 STP cabling and connectors.

Benefits

• Growth options. Up to thirty-two 8228s can be joined together using the RI/RO ports.

• Ease of use. Devices are simply plugged in to form a network. The 8228 will detect the presence of a signal for each of the eight connections and will configure the ring.

• Location flexibility. Allows up to 385 m (1263 ft) of maximum length with ICS (101 m [330 ft] with UTP). Easily fits in a standard wiring closet.

• Space-saving. Fits in a 19-inch rack or on a shelf, or is wall-mountable.

8228 Multistation Access Unit Specifications

Physical specifications

Model	Width	Depth	Height	Weight
001	484 mm (19 in.)	205 mm (8 in.)	64 mm (2.5 in.)	2.67 kg (6 lb)

Key Customer Benefits

• Ease of use
• Flexible mounting options
• Fits in a standard wiring closet

Supplementary Information

The following sales tools are available for the 8228:

• Specification sheet:
 IBM Token-Ring Hub, G221-4075-00

• Information on the IBM 8228 is available at:
 www.networking.ibm.com/8228/8228over.html