INTERNATIONAL STANDARD

ISO/IEC 8802-6

ANSI/IEEE Std 802.6

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Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements —

Part 6:
Distributed Queue Dual Bus (DQDB) access method and physical layer specifications

Technologies de l'information — Communication de données et échange d'informations entre systèmes — Réseaux locaux et métropolitains — Exigences spécifiques —

Partie 6: Bus distribué à double queue (DQDB) et spécifications pour la couche physique

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Abstract: This standard is part of a family of standards for local area networks (LANs) and metropolitan area networks (MANs) that deals with the Physical and Data Link Layers as defined by the ISO Open Systems Interconnection Reference Model. It defines a high-speed shared medium access protocol for use over a dual, counterflowing, unidirectional bus subnetwork. The Physical Layer and Distributed Queue Dual Bus (DQDB) Layer are required to support a Logical Link Control (LLC) Sublayer by means of a connectionless Medium Access Control (MAC) Sublayer service in a manner consistent with other IEEE 802 networks. Additional DQDB Layer functions are specified as a framework for other services. These additional functions will support Isochronous Service Users and Connection-Oriented Data Service Users, but their implementation is not required for conformance.

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