

INTERNATIONAL
STANDARD

ISO/IEC
8802-4
ANSI/IEEE
Std 802.4

First edition
1990-08-17

**Information processing systems —
Local area networks —**

**Part 4 :
Token-passing bus access method and physical layer
specifications**

Systèmes de traitement de l'information — Réseaux locaux —

*Partie 4 : Spécification pour la méthode d'accès et la couche physique relatives au
bus à passage de jeton*



Reference number
ISO/IEC 8802-4 : 1990 (E)
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Std 802.4-1990

Abstract: This Local Area Network (LAN) standard, ISO/IEC 8802-4 : 1990 [IEEE Std 802.4-1990], deals with all elements of the token-passing bus access method and its associated physical signaling and media technologies. To facilitate interconnection of stations by way of a LAN using the token-passing bus access method, this standard specifies the characteristics of the transmission medium; the signaling method used; the frame formats transmitted; the actions of a station upon receipt of a frame; the services provided at the conceptual interface between the Medium Access Control (MAC) sublayer and the Logical Link Control (LLC) sublayer; and the actions, entities, and values used by management. There are four medium characteristics and signaling methods: 5 and 10 Mb/s phase-coherent FSK; 1, 5, and 10 Mb/s broadband; 10 and 20 Mb/s fiber optic; and 1 Mb/s phase-continuous FSK.

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