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

**Part 3:
Standard for Ethernet**

**AMENDMENT 4: Physical layer
specifications and management
parameters for 1 Gb/s operation over a
single twisted-pair copper cable**

*Technologies de l'information — Télécommunications et échange
d'information entre systèmes — Réseaux locaux et métropolitains —
Prescriptions spécifiques —*

Partie 3: Norme pour Ethernet

*AMENDEMENT 4: Spécifications des couches physiques et paramètres
de gestion pour l'exploitation des interfaces à 1 Go/s sur un seul câble
de cuivre à paires torsadées*



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(Amendment to
IEEE Std 802.3™-2015
as amended by
IEEE Std 802.3bw™-2015,
IEEE Std 802.3by™-2016, and
IEEE Std 802.3bq™-2016)

IEEE Standard for Ethernet

Amendment 4: Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over a Single Twisted-Pair Copper Cable

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Abstract: This amendment to IEEE Std 802.3-2015 adds point-to-point 1 Gb/s Physical Layer (PHY) specifications and management parameters for operation on a single twisted-pair copper cable in an automotive application.

Keywords: 1000BASE-T1, Ethernet, IEEE 802[®], IEEE 802.3[™], IEEE 802.3bp[™]

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