

1. Record Nr.	UNISA996280164303316
Titolo	IEEE standard for Ethernet . Amendment 3 Physical layer and management parameters for 25 Gb/s and 40 Gb/s operation, Types 25GBASE-T and 40GBASE-T
Pubbl/distr/stampa	New York : , : IEEE, , 2016
ISBN	1-5044-2282-1
Descrizione fisica	1 online resource (211 pages)
Disciplina	004.68
Soggetti	Ethernet (Local area network system) - Standards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This amendment to IEEE Std 802.3-2015 specifies new Physical Coding Sublayer (PCS) interfaces and new Physical Medium Attachment (PMA) sublayer interfaces for 25 Gb/s Ethernet and 40 Gb/s Ethernet. 25GBASE-T and 40GBASE-T specify LAN interconnects for up to 30 m of balanced twisted-pair structured cabling, for 25 Gb/s and 40 Gb/s, respectively. Scope: Specify Physical Layers (PHYs) for operation at 25 Gb/s and 40 Gb/s on balanced twisted-pair copper cabling, using existing Media Access Control, and with extensions to the appropriate physical layer management parameters.