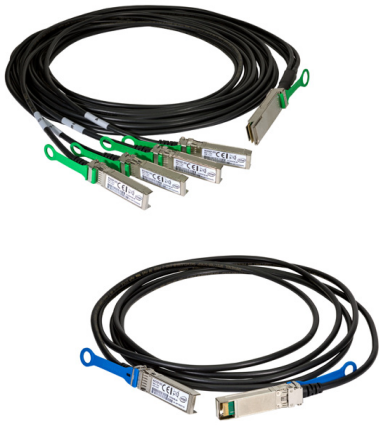
PRODUCT BRIEF
Intel® Ethernet SFP28 Twinaxial Cables
Network Connectivity

Intel® Ethernet SFP28 Twinaxial Cables

SFP28 Passive Copper Cables for Intel® Ethernet Network Adapter XXV710



Key Features

- 1 m (3.3 ft), 2 m (6.6 ft), and 3 m (9.8 ft) SFP28 and QSFP28 to SFP28 direct attach passive copper cables with hot pluggable pull-to-release latching
- SFP28 Direct Attach 25GBASE-CR cables offer a highly cost effective way to connect within racks and across adjacent racks
- QSFP28 100Gb/s Rated Connector (SFF-8665), SFP28 25Gb/s Rated Connectors (SFF-8402)
- Fully compatible with the Intel® Ethernet Network Adapter XXV710
- Reduced power budget and lower port cost compared to optical solutions
- High-speed electrical interface compliant to IEEE 802.3by
- Supports 10GbE and 25GbE standards
- Operating case temperature of 0 °C to 70 °C
- Three year warranty

Overview

Intel® Ethernet SFP28 Twinaxial Cables are for customers who would like to deploy the Intel® Ethernet Network Adapter XXV710 with an SFP28 direct attach cable. Intel® Ethernet Network Adapters with SFP28 connectivity deliver proven, reliable solutions for deployments of high density Ethernet 10/25GbE network connections. These SFP28 adapters use the latest PCI Express* v3.0 bus technology for maximum bandwidth, and utilize the increasing capabilities of systems using the latest Intel® Xeon® processor.

Intel® Ethernet SFP28 Twinaxial Cables are available in 1 m, 2 m, and 3 m lengths. The single channel SFP28 interface features the same compact profile as the popular 10Gb SFP+ standard, but has been upgraded internally to support 25Gb/s data rates.

The Intel® Ethernet QSFP28 to SFP28 Twinaxial Breakout Cables offer IT professionals a cost-effective interconnect solution for merging QSFP28 and 25Gb SFP28 enabled adapters, switches, and servers. With the rapid evolution of high-speed networking standards, the Intel® Ethernet QSFP28 to SFP28 Twinaxial Breakout Cables enable customers to aggregate traffic between one 100Gb QSFP28 port with up to four 25Gb SFP28 ports.

Intel® Ethernet SFP28 Twinaxial Cables provide a high density, high bandwidth solution at low cost and reduced power budget.

Both cable types are fully compliant with MSA standards. Customers can move efficiently to 25GbE for high bandwidth application requirements.

To ensure maximum flexibility, Intel supports the ability to use a combination of Intel® Ethernet SFP28 Optics, Intel® Ethernet SFP28 Twinaxial Cables or Intel® Ethernet QSFP28 to SFP28 Twinaxial Breakout Cables. This enables customers to create the configuration that best meets the needs of their data center environment, while ensuring compatibility between adapter and accessories.

Compatible Intel® Ethernet Network Adapter Product Codes

Configuration	No. of Ports	Single Pack	Bulk 5 Pack
Intel® Ethernet Network Adapter XXV710-DA1	1	XXV710DA1	XXV710DA1BLK
Intel® Ethernet Network Adapter XXV710-DA2	2	XXV710DA2	XXV710DA2BLK
Intel® Ethernet Network Adapter XXV710-DA1 for OCP	1	XXV710DA1OCP	N/A

Product Codes

Cables	Intel® Ethernet SFP28 Twinaxial Cables	Intel® Ethernet QSFP28 to SFP28 Twinaxial Breakout Cables	Cable Assembly Type
1 Meter	XXVDACBL1M	XXV4DACBL1M	CA-25G-N
2 Meters	XXVDACBL2M	XXV4DACBL2M	CA-25G-S
3 Meters	XXVDACBL3M	XXV4DACBL3M	CA-25G-L

Intel® Ethernet SFP28 Optics Product Codes

Configuration	Code
Intel® Ethernet SFP28 SR Optics	E25GSFP28SR

Customer Support

Intel® Customer Support Services offers a broad selection of programs including phone support and warranty service. For more information, contact us at www.intel.com/support.

(Service and availability may vary by country.)

Product Information

To see the full line of Intel® Ethernet products, visit: www.intel.com/ethernet

To speak to a customer service representative regarding Intel products, please call 1-800-538-3373 (U.S. and Canada).

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