



# QSFP-DD 112G COPPER CABLE ASSEMBLIES

TE Connectivity's (TE) Quad Small Form Factor Pluggable - Double Density (QSFP-DD) 112G copper cable assemblies double the number of channels to 8 lanes, enabling more bandwidth and higher data transfer rates. These products support aggregate data rates up to 800 Gbps per cable assembly. To support various requirements in data center and cloud computing by high density, backward compatibility, design flexibility and broad configuration options.

## KEY BENEFITS

### High Density

- Doubled the number of channels to 8 lanes compared with the existing QSFP cabling solution
- Support 112G-PAM4 signals for 800G

### Configurable

- Support straight and breakout configurations to meet various customer demands
- EEPROM in cable assembly to make it programmable to customer requirements

### Backward Compatibility and Flexibility

- Backward compatible, providing an easy upgrade path from existing solutions
- Compatible with 25G per line NRZ up to 112G per lane PAM4 signaling protocols that allow cables to deliver aggregate bandwidth of 200G, 400G, and 800G per cable assembly

### Optimized Portfolios

- Offer DAC cable assemblies with various lengths and AWG options to satisfy the customer requirements
- Provide optimized cost, performance and routing solutions

## APPLICATIONS

- Servers
- Storages
- Switches
- Routers

## FOCUS MARKETS

- Data Center
- Artificial Intelligence / Machine Learning
- Telecommunications
- Networking

## LEARN MORE

- [Landing page](#)

## QSFP-DD 112G COPPER CALBE ASSEMBLIES

### PART NUMBERS

Part Number	Cable Assembly Type	Data Rate (Gb/s)	Wire Size (AWG)	Cable Assembly Length (M)
<a href="#">2393749-1</a>	QSFP-DD	112	28	1.4
<a href="#">2393749-2</a>	QSFP-DD	112	28	0.5
<a href="#">2393749-3</a>	QSFP-DD	112	28	1.0
<a href="#">2393749-4</a>	QSFP-DD	112	28	1.5
<a href="#">2393749-5</a>	QSFP-DD	112	28	2.0
<a href="#">2393749-6</a>	QSFP-DD	112	28	2.5
<a href="#">2393749-7</a>	QSFP-DD	112	28	3.0
<a href="#">2393749-8</a>	QSFP-DD	112	28	0.8
<a href="#">2393749-9</a>	QSFP-DD	112	28	1.2
<a href="#">1-2393749-0</a>	QSFP-DD	112	28	4.0
<a href="#">2395757-1</a>	QSFP-DD	112	30	1.2
<a href="#">2395757-2</a>	QSFP-DD	112	30	1.0
<a href="#">2395757-3</a>	QSFP-DD	112	30	0.9
<a href="#">2395757-4</a>	QSFP-DD	112	30	0.8
<a href="#">2395757-5</a>	QSFP-DD	112	30	0.5
<a href="#">2395758-1</a>	QSFP-DD	112	30	1.0
<a href="#">2395758-2</a>	QSFP-DD	112	32	0.5
<a href="#">2395758-3</a>	QSFP-DD	112	32	0.8
<a href="#">2395758-4</a>	QSFP-DD	112	32	0.7
<a href="#">2395758-5</a>	QSFP-DD	112	32	0.6

### te.com

TE Connectivity, TE, and TE connectivity (logo) are trademarks owned or licensed by the TE Connectivity Ltd. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty, or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

© 2024 TE Connectivity. All Rights Reserved.

10-24

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2393749-3](#) [2393749-2](#) [2393749-7](#) [2393749-4](#) [2393749-6](#) [2395757-1](#) [2395757-2](#) [2395758-2](#) [2395758-5](#) [2393749-5](#) [2395757-3](#) [2395757-4](#) [2393749-1](#) [1-2393749-0](#) [2395758-4](#) [2395758-3](#) [2393749-9](#) [2395758-1](#) [2393749-8](#) [2395757-5](#)