



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

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PART NUMBERS

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

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