



QSFP 112G SMT CONNECTORS & CAGES

TE Connectivity's (TE) QSFP 112G connectors and cages design to support 112G-PAM4 signal modulation, can achieve up to 400 Gbps aggregate data rate per port with signal integrity, high density and superior thermal. The product family offers a wide range of design options and port configurations.

FOCUS MARKETS

- Data Center
- Telecommunications
- Networking
- Test & Measurement

APPLICATIONS

- Servers
- Storages
- Switches
- Routers
- Network Interface

KEY BENEFITS

- **Fast Data Transfer**
 - Supports aggregate data rates of 400 Gbps
 - Superior signal integrity and meet 112G PAM-4
- **High Density**
 - Fits up to 32 ports on a 1RU switch configuration by offering 1x1, 1x2, 1x4, 1x5 and 2x1 cages and connectors configurations
- **Improved Thermal Management**
 - Utilizes integrated thermal bridge and zipper heat sinks technology which helps improve superior thermal performance
- **Design Flexibility**
 - Backwards compatible, providing an easy upgrade path from existing solutions
 - Provides additional board trace design flexibility by allowing signal traces go between PCB layers
- **Broad Portfolios**
 - Provides both SNIA QSFP2 Multi-Source Agreement (MSA) specification Style A & Style B compliant products to support broad range of system customer's design needs
 - Offers direct attach cable (DAC) assembly with various lengths and AWG options to satisfy the customer requirements

QSFP 112G SMT CONNECTORS & CAGES

BASE PART NUMBER

MSA Group	Part Number	Description
QSFP2	2372928	QSFP2 112G Stye A Single Host Connector family, 0.8mm Pitch with “LL” style solder tails
	2401838	QSFP2 112G Stye B Single Host Connector family, 0.8mm Pitch with “JL” style solder tails
	2385800	QSFP 112G CAGE ASSEMBLY, 1X1, EMI SPRING
	2386331	QSFP 112G CAGE ASSEMBLY, 1X2, EMI SPRING
	2386164	QSFP 112G CAGE ASSEMBLY, 1X4, EMI SPRING
	2386733	QSFP 112G CAGE ASSEMBLY, 1X5, EMI SPRING
	2396990	QSFP 112G CAGE ASSY W HEAT SINK, 2X1
	2394949	QSFP2 112G RCPT CONN QSFP 112 STACKED

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