



112G PORTFOLIO EXTERNAL CABLING SOLUTIONS

TE Connectivity's (TE) portfolio of 112G external cabling products offer a wide variety of early-to-market, end-to-end solutions that allow for users to meet key demands in performance, physical reach, signal integrity, and bend radius. With a global manufacturing footprint, TE is capable of ramping production while retaining high quality and continuous improvement. With product options ranging from passive-to-active and from copper-to-optical, each meeting key form factors, TE provides a variety of solutions to address a wide variety of needs.

Key Benefits

- Due to the demands on next generation high-speed designs, TE has developed one of the most comprehensive, flexible and high performing internal and external connector and cable assembly portfolios in the market
 - TE's continued participation in standards development has led to all form factors being supported, developing a variety of options in DAC, ACC, AEC, and AOC
 - Cycle time on design follows key industry standards while continuously being improved to meet the demands of our customers and partners
- Both design and manufacture supported, allowing for vertical supply chain integration and design leadership in industry

Products

- **112G Product Support for SFP, SFP-DD, QSFP, QSFP-DD, OSFP, and OSFP-XD Interconnects**
 - Direct Attached Copper Cables (DAC)
 - Active Copper Cables (ACC)
 - Active Electrical Cable (AEC)
 - Active Copper Cables (AOC)
 - I/O Connectors and Cages

Applications

- Machine Learning and AI
- High Speed Networking
- Servers
- Smaller Datacenters



Part Numbers

OSFP 112G

| Part Number | Configuration | Data Rate | AWG | Cable Assembly Length (meters) | | | | | | | | |
|-------------|----------------|---------------|-----|--------------------------------|------|-----|------|-----|-----|-----|-----|---|
| | | | | 0.5 | 0.75 | 1.0 | 1.25 | 1.5 | 2.0 | 2.5 | 3.0 | |
| 2369197 | 800G to 800G | 112 Gbps PAM4 | 32 | -1 | -2 | -3 | - | - | - | - | - | - |
| 2369198 | 800G to 800G | 112 Gbps PAM4 | 30 | -1 | - | -2 | - | -3 | - | - | - | - |
| 2369405 | 800G to 800G | 112 Gbps PAM4 | 28 | -1 | - | -2 | -3 | -4 | - | - | - | - |
| 2369406 | 800G to 800G | 112 Gbps PAM4 | 26 | - | - | -2 | - | -3 | -4 | -5 | - | - |
| 2396777 | 400G to 400G | 112 Gbps PAM4 | 32 | -1 | -2 | - | - | - | - | - | - | - |
| 2396778 | 400G to 400G | 112 Gbps PAM4 | 30 | -1 | -2 | -4 | - | -3 | - | - | - | - |
| 2396779 | 400G to 400G | 112 Gbps PAM4 | 28 | -1 | -2 | -5 | -6 | -3 | -4 | - | - | - |
| 2396780 | 400G to 400G | 112 Gbps PAM4 | 26 | -1 | -2 | -6 | -7 | -3 | -4 | -5 | - | - |
| 2396783 | 800G to 2x400G | 112 Gbps PAM4 | 32 | -1 | -2 | - | - | - | - | - | - | - |
| 2396784 | 800G to 2x400G | 112 Gbps PAM4 | 30 | -1 | -2 | -4 | - | -3 | - | - | - | - |
| 2396785 | 800G to 2x400G | 112 Gbps PAM4 | 28 | -1 | -2 | -5 | -6 | -3 | -4 | - | - | - |
| 2396786 | 800G to 2x400G | 112 Gbps PAM4 | 26 | -1 | -2 | -6 | -7 | -3 | -4 | -5 | - | - |

QSFP-DD112

| Part Number | Configuration | Data Rate | AWG | Cable Assembly Length (meters) | | | | | | | | | |
|-------------|---------------|---------------|-----|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | 0.5 | 0.7 | 0.8 | 1.0 | 1.2 | 1.4 | 1.5 | 2.0 | 2.5 | 3.0 |
| 2395758 | 800G to 800G | 112 Gbps PAM4 | 32 | -2 | -4 | -3 | -1 | - | - | - | - | - | - |
| 2395757 | 800G to 800G | 112 Gbps PAM4 | 30 | -5 | - | -4 | -2 | -1 | - | - | - | - | - |
| 2393749 | 800G to 800G | 112 Gbps PAM4 | 28 | -2 | - | -8 | -3 | -9 | -1 | -4 | -5 | -6 | -7 |

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