DIRECT ATTACH CABLES ❯
FOR DATA CENTER

molex

TODAY'S HIGH-SPEED DATA CENTERS NEED CABLES WITH ❯
MORE FLEXIBILITY AND AGILITY

Next-gen data centers will demand even faster speeds, without compromising on flexibility, agility or quality. As space becomes even tighter and thermal concerns more pressing, data centers will need cables that can fit and connect essential components, all while protecting precious signal integrity.

Molex Direct Attach Cables offer the best performance along with minimal lead time at a competitive price.
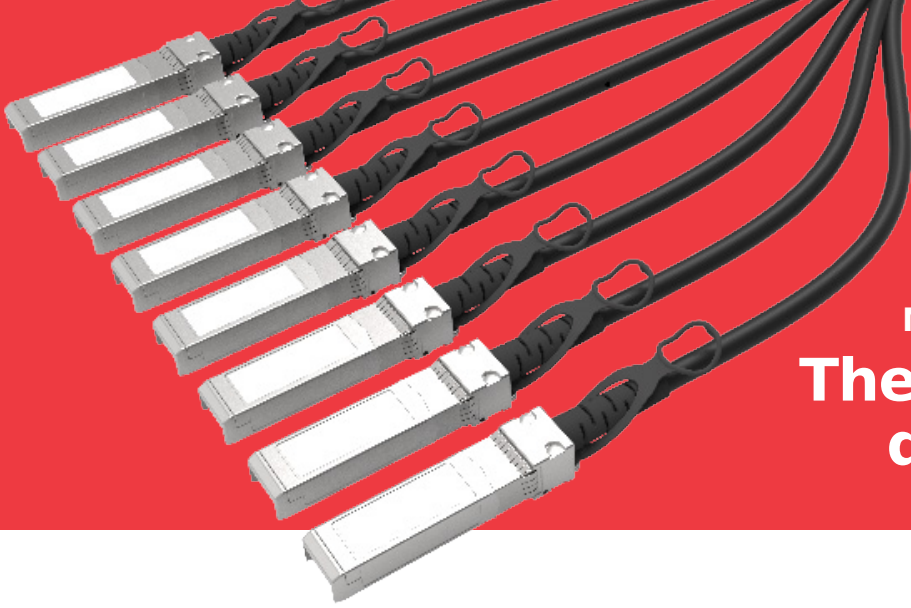
Proven data center expertise

Molex has decades of experience in data centers, delivering seamless integration between servers, networks and storage. As a leader who helps set industry standards, you can trust that our cables, cages and connectors will meet your needs. Our local design teams offer hands-on expertise that's backed by global manufacturing facilities and a reliable supply chain.

Molex developed a full line of Direct Attach Cables with the flexibility to fit your needs. Our engineers can tailor a solution to meet your exact requirements and ever-faster speeds — with proven efficiency and reliability. All Molex cables pass rigorous assembly and test procedures to ensure superior quality and signal integrity.
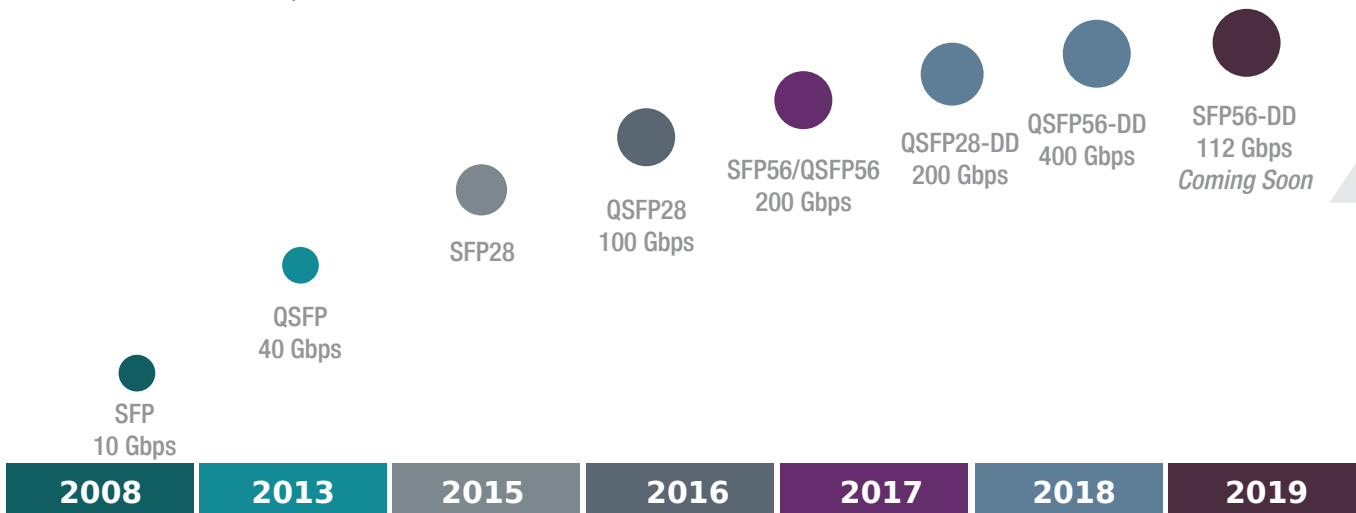
SUPPORT
SPEEDS
UP TO
400
Gbps

The speeds next-gen data centers need

Molex Quad Small Form-Factor Pluggable Plus (QSFP28 and QSFP56) interconnect solutions are designed for high-density applications, with ultimate performance efficiency, even over long reaches. Our highly integrated products can be incorporated into servers, switches, routers and SAN/NIC cards to provide a more efficient use of space, power and port density.

Molex Direct Attach Cables

- The speeds you need: 10, 25, 40, 50, 100 and 200 Gbps options and *up to 400 Gbps for future-ready applications*

- Options include 2/4/8 channels, full duplex passive copper cable transceiver capability

- Comply with respective MSA, IEEE, SFF architecture specs for compatibility and performance

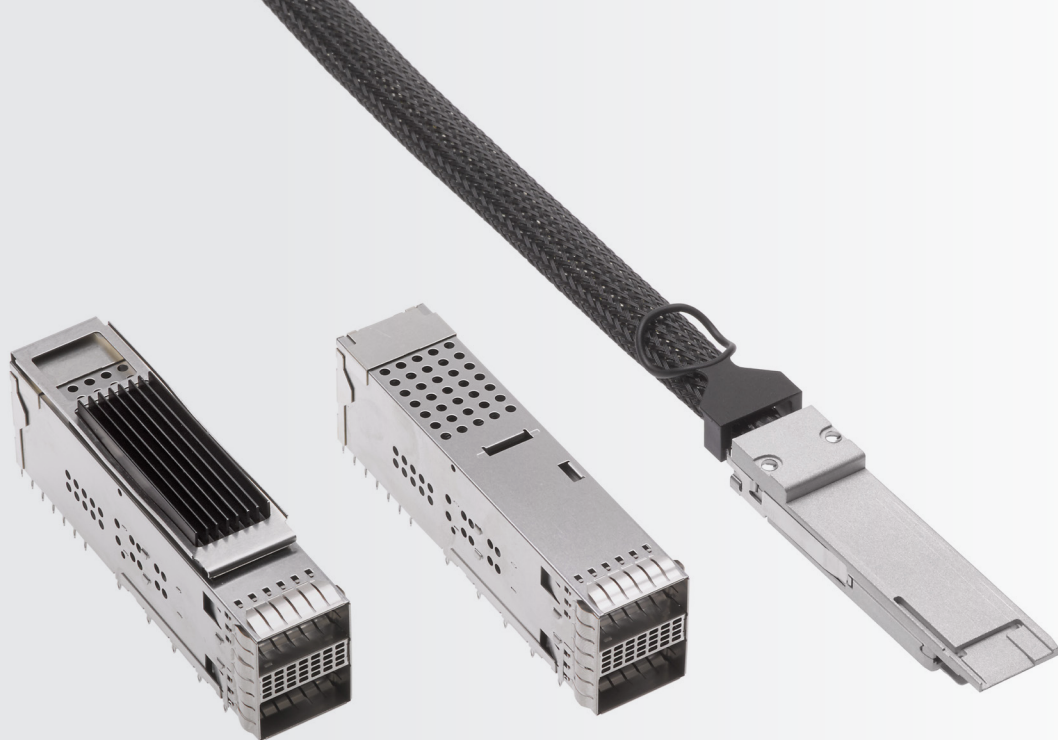- Perform in extreme environments that include hot data centers, from -20 to +85° C

SFP
10 Gbps

QSFP
40 Gbps

SFP28

QSFP28
100 Gbps

SFP56/QSFP56
200 Gbps

QSFP28-DD
200 Gbps

QSFP56-DD
400 Gbps

SFP56-DD
112 Gbps
Coming Soon

| 2008 | 2013 | 2015 | 2016 | 2017 | 2018 | 2019 |

THE FASTEST AVAILABLE SPEEDS FOR FUTURE-READY APPLICATIONS ❯
CHOOSE 400 Gbps QSFP-DD CABLES

Molex 400 Gbps QSFP-DD cables are ready for tomorrow's highest-speed applications — today. Choose these next-generation cables to help future proof your data center and support the ultra-fast speeds required for the hyperscale industry. Ideal for cloud applications, Molex 400 Gbps QSFP-DD cables can handle up to 8 channels of full passive copper cable transceiver capability.

400 Gbps CABLES ❯
FOR HIGH-SPEED APPLICATIONS

Product Series

SERIES	DESCRIPTION	SPEED
201591	QSFP-DD-to-QSFP-DD	400 Gbps-to-400 Gbps
203366	QSFP-DD-to-2 QSFP	400 Gbps-to-(2) 200 Gbps
206566	QSFP-DD-to-4 QSFP	400 Gbps-to-(4) 100 Gbps
205856	QSFP-DD-to-8 SFP	400 Gbps-to-(8) 50 Gbps
206314	QSFP-DD-to-QSFP-DD	200 Gbps-to-200 Gbps
206721	QSFP-DD-to-2 QSFP	200 Gbps-to-(2) 100 Gbps
206722	QSFP-DD-to-4 QSFP	200 Gbps-to-(4) 50 Gbps
206723	QSFP-DD-to-8 SFP	200 Gbps-to-(8) 25 Gbps

MOLEX 200 Gbps QSFP56 AND 100 Gbps QSFP28 CABLES ❯

Molex 100/200 Gbps cables are engineered to the same standards as our next-gen cables, with rigorous test and assembly processes that ensure reliability, flexibility and agility. To meet even faster requirements, Molex recently introduced 200 Gbps QSFP56 specs. Reach out to our experts to assess your needs to recommend the right cables for your electrical performance objectives.

Optimized for data networking equipment:

- Servers
- Routers
- Switches
- Central office
- Cellular infrastructure
- Multi-platform service systems

Product Series

SERIES	PRODUCT TYPE	SPEED
205898	QSFP56-to-QSFP56	200 Gbps-to-200 Gbps
205899	QSFP56-to-(2) QSFP28	200 Gbps-to-(2) 100 Gbps
205897	QSFP56-to-(4) QSFP28	200 Gbps-to-(4) 50 Gbps
111145	SFP28-to-SFP28	25 Gbps-to-25 Gbps
100297	QSFP28-to-QSFP28	100 Gbps-to-100 Gbps
100346	QSFP28-to-(2) QSFP28	100 Gbps-to-(2) 50 Gbps
100345	QSFP28-to-(4) SFP28	100 Gbps-to-(4) 25 Gbps

MOLEX OFFERS DIRECT ATTACH CABLES ❯
FOR YOUR EVERY NEED

Each Molex QSFP and SFP cable is designed to the same exacting standards, then carefully tested to ensure reliability. No matter what your needs are, our experts can help you determine the right cable or combination of cables.

40 Gbps QSFP, 25 Gbps SFP28 and 10 Gbps SFP cables ideal for:

- Fibre Channel and Gigabit Ethernet
- Networking
- Telecommunications
- Switches
- Routers
- Servers
- Network interface cards *(NICs)*

Product Series

SERIES	PRODUCT TYPE	SPEED
111040	QSFP+-to-QSFP+	40 Gbps-to-40 Gbps
74764	QSFP+-to-(2) QSFP+	40 Gbps-to-(2) 20 Gbps
74764	QSFP+-to-(4) QSFP+	40 Gbps-to-(4) 10 Gbps
74752	SFP+-to-SFP+	10 Gbps-to-10 Gbps

Get started with your Direct Attach Cable solution today. Visit **www.molex.com/link/directattachcables.html**
For connectors and cages, visit: **www.molex.com/ind/datacentersolutions.html**

molex