

Connectors

Drawing on 70 years of adhesive expertise and 40 years of experience in ceramic technology, 3M provides the most convenient, reliable, and easy-to-install connectors for both fiber and copper networks.

- 3M™ Hot Melt Fiber Optic Connectors have a proven record of high yield and reliable performance in both indoor and outdoor local area networks around the world.
- 3M™ Crimplok™ Fiber Optic Connectors are ideal where there is no electricity or in difficult locations.

- 3M™ Volition™ VF-45™ connectors offer unprecedented simplicity.
- The 3M™ Volition™ K5E and K6 RJ45 jacks significantly exceed standard link performance requirements and can be installed with no tool.
- All 3M connectors have been qualified to ANSI/TIA/EIA-568B.

Twisted Pair

RJ45

The 3M™ Volition™ Cat. 5e and Cat. 6 RJ45 keystone jack design guarantees consistent and repeatable results. The jack offers tool-less installation and can be reused many times. The integral shutter protects the contacts from dirt and dust and ensures reliability. Associated with the Volition jacks are system components and accessories (e.g. cable, patch cords, outlets, patch panels...) optimized for maximum system performance and reliability.

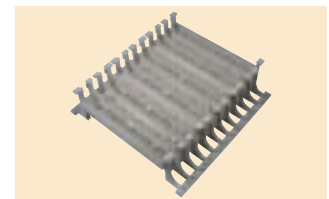
- Tool-less installation
- Keystone dimensions
- Integral dust protection



| Product Number | Description | Packaging |
|-------------------------------------|--|-----------|
| VOL-OCK5E-U-X* *X denotes color. | RJ45 Cat. 5e K5E Jack UTP Tool-less W=White, BU=Blue, G=Green, R=Red, Y=Yellow, BL=Black, O=Orange | 96/cs. |
| VOL-OCK6-U-X* *X denotes color. | RJ45 Cat. 6 K6 Jack UTP Tool-less W=White, BU=Blue, G=Green, R=Red, Y=Yellow, BL=Black, O=Orange | 96/cs. |
| VOL-J5EAX* *X denotes color. | Jack Cat. 5e Keystone 568AB Punchdown BL=Black, O=Orange, BU=Blue, OW=Office White | 50/bag |

110 XC

| Product Number | Description | Packaging |
|-------------------------------|---|-----------|
| 110 Termination Blocks | | |
| VOL-0660 | 110 Termination Block with Legs, 100 pair | 1/box |
| VOL-0661 | 110 Termination Block with Legs, 300 pair | 1/box |
| VOL-0668 | C4 110 Connector for 110 Block, 4 pair | 1000/bag |



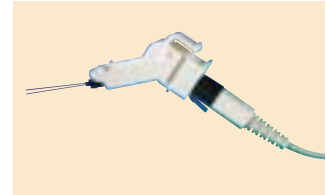
Fiber Optic

VF-45 Sockets

The 3M™ Volition™ VF-45™ Socket is a small form factor (SFF) connector, one half the size of standard duplex fiber optic interconnects providing affordable, high bandwidth networks. The VF-45™ plug and socket intermate like an 8-pin modular jack, bringing the simplicity of the RJ45 jack to optical fiber applications.

- Meets TIA 568B specifications for small form factor interconnects
- Fast installation using a simple termination process
- No expensive ceramic parts
- Footprint dimensions of an RJ45 copper connector
- High density of duplex connections
- Integral dust protection

| Product Number | Description | Packaging |
|----------------|---|-----------|
| VOL-0001 | VF-45 Socket, MM | 96/cs. |
| VOL-0002 | VF-45 Socket, SM | 96/cs. |
| VOL-001X* | Keyed VF-45 Socket, MM *X denotes color. BLU=Blue, RED=Red, ORN=Orange, GRN=Green, BLK=Black, YEL=Yellow | 96/cs. |
| VOL-0011 | VF-45 Socket Fiber Holders | 96/cs. |



ST Connectors

| Product Number | Description | Packaging |
|----------------|---|---------------|
| 6100-X* | ST MM Hot Melt *X denotes color of boot. W=White, B=Black, R=Red | 1/bag, 60/cs. |
| 6105-X* | ST MM, Epoxy *X denotes color of boot. W=White, B=Black, R=Red | 1/bag, 60/cs. |
| 6901 | ST MM Crimplok | 1/bag, 60/cs. |
| 8100-YS | ST SM Hot Melt | 1/bag, 60/cs. |
| 8106 | ST SM, Epoxy | 1/bag, 60/cs. |
| 8107 | ST SM, Epoxy (127 µm) | 1/bag, 60/cs. |
| 8901 | ST SM Crimplok | 1/bag, 60/cs. |



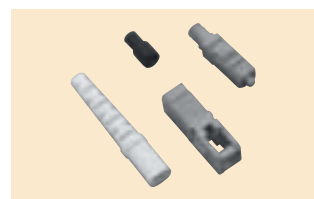
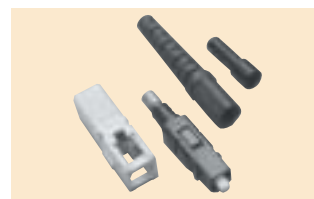
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MM – Multimode; SM – Single-mode; FM – Field Mountable

Connectors

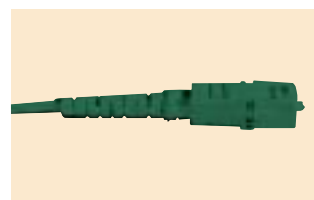
SC Connectors

| Product Number | Description | Packaging |
|---|-------------------------------------|---------------|
| 6300-W | SC MM Hot Melt | 1/bag, 60/cs. |
| 6300-X*5-12 | SC MM Hot Melt | 1/bag, 60/cs. |
| *X denotes color of boot. W=White, B=Black, R=Red, BE=Beige | | |
| 6304-BE | SC MM Composite Ferrule, Beige Boot | 1/bag, 60/cs. |
| 6306-X* | SC MM, Epoxy | 1/bag, 60/cs. |
| *X denotes color of boot. B=Black, R=Red, BE=Beige | | |
| 6309-X* | SC MM LOW EMI | 1/bag, 60/cs. |
| *X denotes color of boot. W=White, BE=Beige | | |
| 6900 | SC MM Crimplok | 1/bag, 60/cs. |
| 8300 | SC SM Hot Melt | 1/bag, 60/cs. |
| 8306 | SC SM, Epoxy | 1/bag, 60/cs. |
| 8307 | SC SM, (127 µm), Epoxy | 1/bag, 60/cs. |
| 8308 | SC SM, Ultra High Temp Hot Melt | 1/bag, 60/cs. |
| 8309U | SC SM LOW EMI, Epoxy, Blue Boot | 1/bag, 60/cs. |
| 8309W | SC SM LOW EMI, Epoxy White Boot | 1/bag, 60/cs. |
| 8900 | SC SM Crimplok | 1/bag, 60/cs. |



SC/APC

| Product Number | Description | Packaging |
|----------------|--|---------------|
| 8306-SC/APC | SC/APC (126 µm) SM FM Connector, Hand Polish | 1/bag, 60/cs. |
| AEPGL3 | SC/APC SM, Epoxy, Machine Polish | 1K/cs. |



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| FC Connectors | | |
|----------------|---|---------------|
| Product Number | Description | Packaging |
| 6200 | FC MM Hot Melt | 1/bag, 60/cs. |
| 6202 | FC MM, Epoxy | 1/bag, 60/cs. |
| 6204-BE | FC MM Composite Ferrule | 1/bag, 60/cs. |
| 8200-W | FC SM Hot Melt | 1/bag, 60/cs. |
| 8203 | FC SM, Epoxy | 1/bag, 60/cs. |
| 8204 | FC SM (127 µm) Epoxy | 1/bag, 60/cs. |
| 8206-FC/APC | FC/APC (126 µm) SM FM Connectors, Hand Polish | 1/bag, 60/cs |
| 8208 | FC SM Ultra High Temp Hot Melt | 1/bag, 60/cs |



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