

# 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

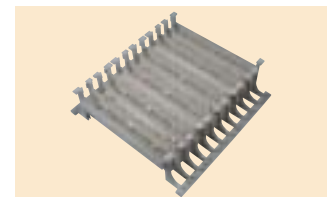
### RJ45

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
<b>110 Termination Blocks</b>		
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.



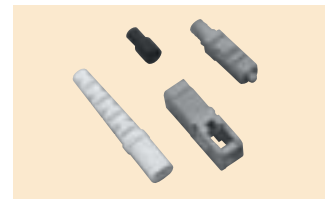
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MM – Multimode; SM – Single-mode; FM – Field Mountable

# Connectors

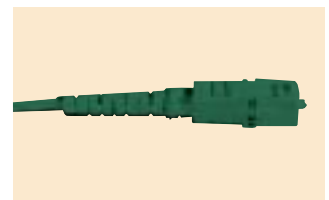
## SC Connectors

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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