

3M™ Crimplok™ Connectors

3M™ Crimplok™ Connectors need no adhesive, providing the speed of non-adhesive connectors with the optical performance of 3M™ Hot Melt Connectors. 3M Crimplok connectors combine the speed of non-adhesive connectors with the performance to meet TIA 568B.3. By using proven malleable metal element fiber-gripping technology, these connectors are designed to be easily installed virtually anywhere without the need for electrical power. Termination time is less than one minute, making Crimplok connectors ideal for quick fiber connections to the desk.



3M™ Crimplok™ ST Connector

Features and Benefits

3M™ Crimplok™ Connectors	
Non-adhesive, non-splice design	Clean and simple terminations
No tool set-up required	Improved efficiency
No waiting for epoxy to cure	Termination in less than one minute with fully prepared fiber
No power or electricity required	Installation practically anywhere
Meets TIA/EIA 568-B.3 specifications	Rugged, reliable performance

3M Crimplok Connector Specifications

Connector Type	Multimode		Singlemode	
	SC	ST	SC	ST
Product Number	6900	6901	8900	8901
Fiber size (µm)	125	125	125	125
Insertion loss (dB) Typical	<0.2	<0.2	<0.2	<0.2
Reflection (dB) Typical	-27	-25	-40	-40
Connector durability (dB) Change after 500 matings	<0.2	<0.3	<0.2	<0.3
Operating temperature	-10° to 60°C (14° to 140°F)	-10° to 60°C (14° to 140°F)	-10° to 60°C (14° to 140°F)	-10° to 60°C (14° to 140°F)
Storage temperature	-40° to 85°C (-40° to 185°F)	-40° to 85°C (-40° to 185°F)	-40° to 80°C (-40° to 176°F)	-40° to 85°C (-40° to 185°F)
Cable tension				
Straight pull	<0.5 dB increase at 11.24 lbs.	—	<0.5 dB increase at 11.24 lbs.	—
Side pull	<0.5 dB increase at 3 lbs.	—	<0.5 dB increase at 3 lbs.	—
Material				
Connector ferrule	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic
Connector housing	Engineered resin	Thermoplastic polymer	Engineered resin	Thermoplastic polymer
Boot	Thermoplastic elastomer	Thermoplastic elastomer	Thermoplastic elastomer	Thermoplastic elastomer
Flame retardancy	UL-94 V-0	UL-94 V-0	UL-94 V-0	UL-94 V-0
Connector identification	Black Body Beige Shell Black Boot	Black Body Beige Shell Beige Boot	Black Body Blue Shell Black Boot	Black Body Beige Shell Blue Boot
Field termination kit				
No power needed	6955	6955	6955	6955

3M Crimplok Connector Ordering Information

Product Number	Connector Type	Package	Minimum Order	3M ID
6900	MM Crimplok SC Connector ceramic	60/carton	60 each	80-6108-4525-9
6901	MM Crimplok ST Connector ceramic	60/carton	60 each	80-6108-4523-4
8900	SM Crimplok SC Connector ceramic	60/carton	60 each	80-6110-1257-8
8901	SM Crimplok ST Connector ceramic	60/carton	60 each	80-6110-1259-4

Note: MM - Multimode; SM - Singlemode