

# Connector Accessories

## Couplings

3M Couplings are compatible with Hot Melt, Bayonet, and Crimplok™ connectors and cable assemblies from 3M, as well as other major ST\* connector vendors. These single-mode and multimode couplings are available in threaded or simplex housings, and a duplex coupling with 0.5" industry standard spacing. The duplex threaded coupling is mounted on the panel with a single nut and provides high density capability.



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## Specifications for ST\* Couplings

	Multimode		Single-mode	
Product Number	6112	6113	8113	8119
Description	Threaded Coupling	Duplex Threaded Coupling	Duplex Threaded Coupling	Threaded Coupling
Operating temperature	-40° to 85°C (-40° to 185°F)		-40° to 85°C (-40° to 185°F)	
Material Housing Sleeve	Nickel plated zinc Beryllium copper		Nickel plated zinc Zirconia ceramic	

## One-Step Polishing Machine

The 6850 One-Step Polishing Machine features a dry, single-paper technology for polishing the ferrule of a single Hot Melt Connector. It is a 12-volt DC unit that provides hands-free operation and delivers consistent performance. Because no wet paper is used, no water is necessary and no clean up is required.

3M also offers connector termination kits utilizing the one-step polishing procedure for a variety of Hot Melt Connectors. The 6355 and 6351 Termination Kits contain all materials necessary to terminate Hot Melt Bayonet Connectors (compatible with the ST\* Connector). The 3M polishing machine includes the polishing unit, 110-volt AC to 12-volt DC converter, and 100 sheets of polishing film. There are also adapters to polish FC and SC connectors.



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## Specifications for One-Step Polishing Machine

Size H x W x D cm (in.)	Weight kg (lbs.)
13.2 x 19.1 x 12.7 (5.2 x 7.5 x 5.0)	Net: 2.2 (4.9) Shipping: 3.2 (7.0)

## Ordering Information

Product Name	Shipping Unit
<b>Multimode Connectors</b>	
6100-W Hot Melt Bayonet ST* Connector MM, 125 um, white boot	60/cs.
6100-R Hot Melt Bayonet ST* Connector MM, red boot	60/cs.
6100-B Hot Melt Bayonet ST* Connector MM, black boot	60/cs.
6105-B Bayonet ST* Connector MM, 125 um Epoxy, black boot	60/cs.
6901 Crimplok™ MM ST* Connector	60/cs.
6100-W5-12 Hot Melt Bayonet ST* Connector MM Bulk, 125 um, white boot	60/cs.
6100-R5-12 Hot Melt Bayonet ST* Connector MM Bulk, 125 um, red boot	60/cs.
6100-B5-12 Hot Melt Bayonet ST* Connector MM Bulk, 125 um, black boot	60/cs.
6100-W1K Hot Melt Bayonet ST* Connector MM, 125 um, white boot, 1,000 Bulk	60/cs.
6100-R1K Hot Melt Bayonet ST* Connector MM, 125 um, red boot, 1,000 Bulk	60/cs.
6100-B1K Hot Melt Bayonet ST* Connector MM, 125 um, black boot, 1,000 Bulk	60/cs.
6105-R Bayonet ST* Connector MM, 125 um Epoxy, red boot	60/cs.
6105-B1K Bayonet ST* Connector MM, 125 um Epoxy, black boot, 1,000 Bulk	60/cs.
6105-R1K Bayonet ST* Connector MM, 125 um Epoxy, red boot, 1,000 Bulk	60/cs.
6105-B10K Bayonet ST* Connector MM, 125 um Epoxy, black boot, 10,000 Bulk	60/cs.
6105-R10K Bayonet ST* Connector MM, 125 um Epoxy, red boot, 10,000 Bulk	60/cs.
<b>Multimode Couplings</b>	
6112 ST* Coupling MM, Threaded	60/cs.
6113 ST* Coupling MM Duplex, Threaded	60/cs.
6112-1K ST* Coupling MM Threaded 1,000 Bulk	60/cs.
<b>Single-mode Connectors</b>	
8100YS Hot Melt Bayonet ST* Connector SM	60/cs.
8106 ST* Bayonet Connector SM 126 um, epoxy	60/cs.
8107 ST* Bayonet Connector SM 127 um, epoxy	60/cs.
8901 Crimplok™ SM ST* Connector	60/cs.
8106-Y1K ST* Bayonet Connector SM 126 um, Epoxy 1,000 Bulk	60/cs.
<b>Single-mode Couplings</b>	
8113 Coupling SM Duplex, Threaded	1 each
8119 Coupling SM, Threaded	1 each
<b>Accessories</b>	
6192-A One Step Hot Melt Polishing Film (50 sheets/pkg.)	1 pkg.
6192-B Polishing Film for 6850 One Step Polishing Machine	1 pkg. (50 sheets/pkg.)
08-00882 Metal polishing jig available separate from kits	1 each
6192-AA Single-mode Hot Melt Polishing Film (.05µm) (50 sheets/pkg.)	1 pkg.
SM Lapping film for Crimplok, 80-6110-1312-1 (50 sheets/pkg.)	1 pkg.
One Step Crimplok Polishing Film, 80-6108-4532-5 (50 sheets/pkg.)	1 pkg.
ST-B ST* Boot Bulk Pack, Black	500/cs
ST-R ST* Boot Bulk Pack, Red	500/cs
ST-U ST* Boot Bulk Pack, Blue	500/cs
<b>Polishing Machines/Portable Heaters</b>	
6850-A Polishing Machine with 110V converter, one step	1/cs.
<b>Terminating Kits</b>	
6355 HM Hot Melt Termination Kit 120V for all Hot Melt Connectors	1 kit
6351 HM Hot Melt Termination Kit 230V for all Hot Melt Connectors	1 kit
6955 Universal Crimplok Termination Kit for all Crimplok Connectors	1 kit
8361 ST*/FC/SC Universal Kit 230V (epoxy) for ST* Bayonet, SC and FC style connectors	1 kit
8365 ST*/FC/SC Universal Kit 120V (epoxy) for ST* Bayonet, SC and FC style connectors	1 kit