

## 3M™ ST Connectors & Accessories

3M offers a full line of ST Connectors, including Epoxy, Hot Melt and Angled Polished Connectors, to meet your connector needs.

3M™ ST Connectors are field mountable, pull-proof connectors, which are fully compatible with all ST connectors adhering to the NTT specification. The ferrule is independent of the backbone so that a pull on the jacketed connectorized cable will not cause the ferrule to break optical contact with a second ferrule in a connection.

The ST connectors maximize termination yield through ease of mounting and a high performance polishing procedure. The extended ferrule collar ensures that the adhesive encapsulates the end of the buffer without wicking or spreading. The three-piece connector design (connector, crimp ring, and boot) is mounted using the same simple process used for other 3M connectors.

The ST Epoxy Connector is available in single-mode and multimode utilizing epoxy adhesive. The ST Hot Melt Connector is also available in single-mode and multimode, enabling a field termination in less than two minutes for multiple terminations. ST connectors are designed for advanced fiber optic systems requiring exceptional stability and low reflections.

The ST Hot Melt multimode and single-mode connectors are specifically intended for ease of termination in environmentally controlled applications.

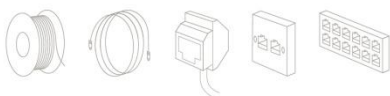
### Features

- Compatible with ST NTT specifications
- Pull-proof (independent) ferrule
- Pre-radiused PC ferrule
- Zirconia ceramic ferrula
- Thermoplastic shell
- Keyed threaded connector

### Benefits

- No retrofit, compatibility issues
- Versatility; convenient global source
- High density, repeatable connections
- Maintains optical contact
- Reduced reflectance problems
- Eliminates flaking

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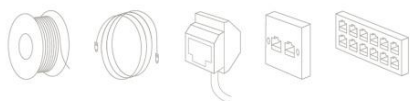
# Specification

<b>Connector</b>	<b>6100</b>	<b>6105</b>	<b>6901</b>	<b>8100/8901</b>	<b>8106</b>
<b>Adhesive type</b>	Hot Melt	Epoxy	None, Crimp	Hot Melt/None, Crimp	Epoxy
<b>Fibre type</b>	50/125	50/125	50/125	9/125	9/125
	62,5/125	62,5/125	62,5/125		
<b>Insertion loss in dB.</b>	<0,20	<0,20	<0,30	<0,20	<0,30
<b>Return loss in dB.</b>	≥25	≥55	≥45	≥40	≥45
<b>Housing/Body</b>	Metal	Metal	Metal	Metal	Metal
<b>Boot colour</b>	White/black/red	Black	Grey/Blue	Yellow	Yellow
<b>Operating temp. in °C</b>	-40 to 85	-40 to 85	-10 to 60	-40 to 85	-40 to 85
<b>Storage temp. in °C</b>	-40 to 85	-40 to 100	-40 to 85	-40 to 80	-40 to 80

<b>Adaptor</b>	<b>6112</b>	<b>8119</b>
<b>Type</b>	Multimode	Single-mode
<b>Sleeve</b>	Phosphor bronze	Zirconia ceramic
<b>Housing</b>	Metal	Metal
<b>Operating temp. in °C</b>	-40 to 85	-40 to 85

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# Ordering Information

Ref. No.

## Field-Mountable connectors

### ST- Connector Hot Melt, multimode, white boot

PU: 60 pcs

PU:1000 pcs

6100-W

6100-W1K

### ST- Connector Hot Melt, multimode, black boot

PU: 60 pcs

PU:1000 pcs

6100-B

6100-B1K

### ST- Connector Hot Melt, multimode, red boot

PU: 60 pcs

PU:1000 pcs

6100-R

6100-R1K

### ST- Connector Hot Melt, single-mode, yellow boot

PU: 60 pcs

8100-YS

### ST- Connector Epoxy, multimode, black boot

PU: 60 pcs

PU:1000 pcs

6105-B

6105-B1K

### ST- Connector Epoxy, single-mode, yellow boot

PU: 60 pcs

8106

### ST- Connector Crimplok, multimode, grey boot

PU: 60 pcs

6901

### ST- Connector Crimplok, multimode, blue boot

PU: 60 pcs

8901

## ST Adaptors

### ST Adaptor, multimode

For D hole mounting, spacer and union not included

PU:60 pcs

PU:1000 pcs

6112

6112-1K

### ST Adaptor, multimode

For D hole mounting, spacer and union not included

PU:60 pcs

PU:1000 pcs

6112

6112-1K



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