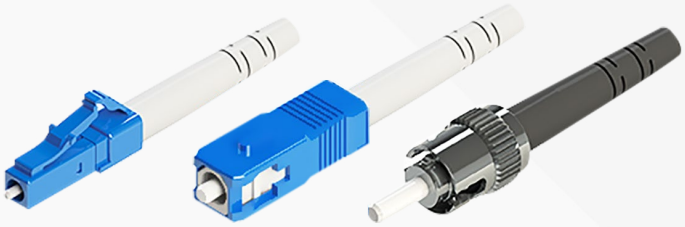
Fiber Connectors
Fusion Splice (FTS)

www.dmsimfg.com

FTS (fusion splice) connectors offer the best quality optical performance compared to FTC (mechanical splice) and EPC (epoxy and polish). A fusion splicer is required for this connector.



FEATURES

- Easy to use
- Designed to save time
- Comes with polished PC or APC ferrules sealed with dust caps
- Compatible with industry-leading fuson splice machines for minimal loss in connections
- Allow operators to create high-quality connections while in field
- Single-mode, Multimode, APC
- LC, SC, ST connectors
- Zirconia pre-polished ferrules
- APC 8 angle step/conical
- Cable/Boot Type: 0.9/2.0/3.0mm
- Temperature Range: -40C ~ 85C (-40F ~ 185F)
- Compatible with common fusion splicers
- Reduce material and labor costs compared to other methods

STANDARD COMPLIANCES

LC CONNECTOR
IEC-61754-20
IEC-61755-3-2
TIA/EIA-60410A-2002

SC CONNECTOR
IEC-61754-4-SC:2002
IEC-61755-3-2
TIA-604-3-B

ST CONNECTOR
TIA/EIA-604-2

SPECIFICATIONS

Product Type	Fusion Splice (FTS) Connector
Fiber Category	Single-mode OS2 / 62.5µm Multimode OM1 / 50µm Multimode OM2 / OM3 / OM4
Connector Type	LC / LC/APC / SC / SC/APC / ST
Connector Color	Blue / Black / Beige / Aqua / Green

MADE IN USA
certified WBENC WOMEN'S BUSINESS ENTERPRISE
Certified SBA WOSB Woman Owned Small Business

Fiber Connectors
Fusion Splice (FTS)

www.dmsimfg.com

PART NUMBER CONFIGURATOR

FTS - [AA] [B]

AA	Select Connector
31	LC, Standard
38	LC/APC
61	SC, Standard
68	SC/APC
67	ST

B	Select Fiber Type
Y	Single-mode OS2
F	OM1
E	OM2
G	OM3
M	OM4

* with ceramic ferrule and includes 900µm boot, single pack

CONNECTOR PERFORMANCE SPECIFICATIONS

CONNECTOR TYPE	INSERTION LOSS	RETURN LOSS
Single-mode LC	0.30 dB	-55 dB
Single-mode LC/APC	0.30 dB	-65 dB
Single-mode SC	0.30 dB	-55 dB
Single-mode SC/APC	0.30 dB	-65 dB
Single-mode ST	0.30 dB	-55 dB
Multimode LC	≤0.20 dB	≤-20 dB
Multimode SC	≤0.20 dB	≤-20 dB
Multimode ST	≤0.20 dB	≤-20 dB

MADE IN USA
certified WBENC WOMEN'S BUSINESS ENTERPRISE
Certified SBA WOSB Woman Owned Small Business