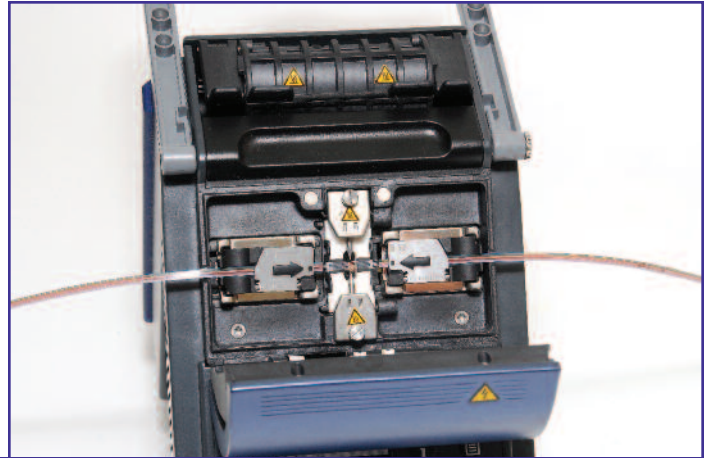


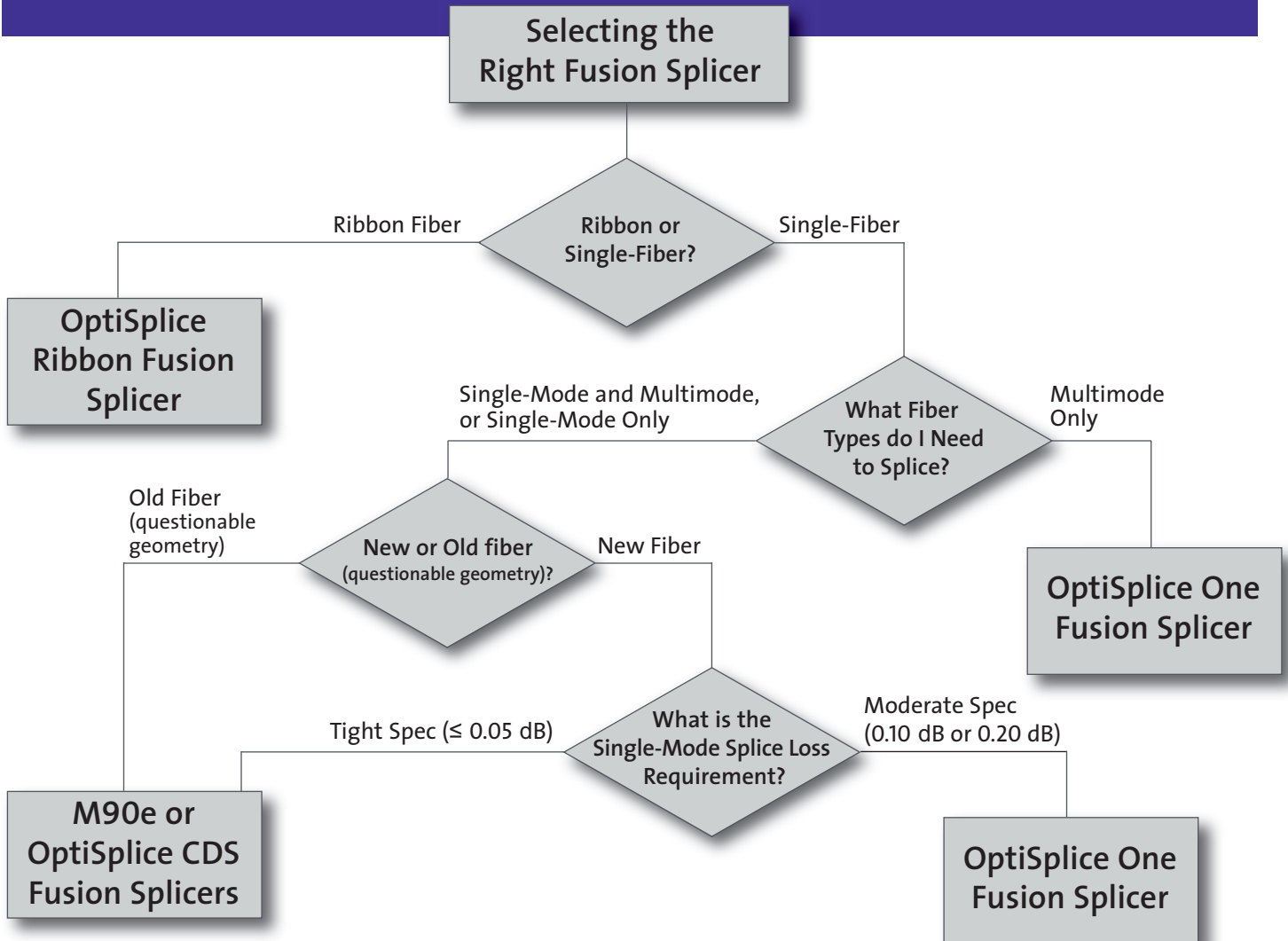
OptiSplice® Fusion Splicer Product Family

An Evolant® Solutions Product

Corning Cable Systems is a worldwide leader in splice equipment technology, offering a complete line of products comprised of coordinated units designed to meet the different requirements of the various applications. Fusion splicing is the most accurate and durable method of permanently inter-connecting optical fibers. The OptiSplice® Fusion Splicer product family utilizes the most advanced fusion splicing technology on the market, while offering easy operation and maintenance.



Determine the Best Fusion Splicer for the Application.



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Model Number	OptiSplice® M90e	OptiSplice CDS	OptiSplice Ribbon	OptiSplice One	CamSplice™
					
Part Number	M90E-OSM-T-H	OSCDS-OSM-T-H	OSR-OSM-T-H	OS1-OSM-T-H	95-000-04
Typical single-mode loss (dB)*	0.02	0.02	0.04	0.04	0.15
Fiber alignment method	Core (LID) and CDS	Core CDS	V-Groove	V-Groove	Mechanical Splice
Splice loss estimation	Measurement (LID)	Estimate (CDS)	Estimate (LPAS)	Estimate (LPAS)	N/A
Number of fibers	Single	Single	Multiple (1-12)	Single	Single
Auto fusion time control	●				
On-board interactive training video	●	●			
Touch screen	●	●			
Tilt base	●	●			
Built-in GPS system	●	●			
Maintenance-free electrodes (P&D)	●	●			
Fast heat-shrink oven	●	●	●	●	
Graphical user interface (GUI)	●	●	●	●	
User-installable software upgrades	●	●	●	●	
One-step cleaver	●	●	●	●	
Diamond cleaver blade	●	●		●	
FuseFlex™ Connector Compatible			Special Order†	●	
Automatic compensation for environmental influences	●	●	●	●	
Splice tray holder	●	●	●	●	
Work lamp/splice area illumination	●	●	●	●	
Graphical user interface (GUI)	●	●	●	●	
Programs for standard and specialty filters	●	●	●	●	
Typical battery life with heat-shrink oven	130	130	130, 12F	200	
Typical total splice cycle time (splice time plus oven)	33 sec (CDS)	33 sec	60 sec	31 sec	
Splice loss data storage	10,000 with GPS	10,000 with GPS	10,000	10,000	

*Typical loss for identical single-mode fiber

†OptiSplice Ribbon can have this option, but will be non-standard.

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ordering information |

Part Number	Description
Splice Equipment	
M90E-0SM-T-H	OptiSplice® M90e Fusion Splicer with FBC-006 Cleaver, carrying case with wheels, fast heat-shrink oven, splice tray holder, AC power supply with US cord, Li-Ion battery with external charger, 1-year limited warranty, operator's manual, USB worklight, maintenance tool kit
OSCD-0SM-T-H	OptiSplice CDS Fusion Splicer with FBC-006 Cleaver, carrying case with wheels, fast heat-shrink oven, splice tray holder, AC power supply with US cord, Li-Ion battery with external charger, 1-year limited warranty, operator's manual, CD, USB worklight, maintenance tool kit
OS1-0SM-T-H	OptiSplice One Handheld Fusion Splicer with cleaver, 1 set of 250 µm handlers, fast heat-shrink oven, carrying case, Li-Ion battery, external battery charger, AC power supply with US cord, operator's manual, detachable splice tray holder/screen cover and 1-year limited warranty
OSR-0SM-T-H	OptiSplice Ribbon Handheld Fusion splicer with cleaver, thermal stripper, 1 set of 12-fiber handlers, fast heat-shrink oven, carrying case, Li-Ion battery, external battery charger, AC power supply with US cord, operator's manual, detachable splice tray holder/screen cover and 1-year limited warranty
TKT-100-01	CamSplice™ Mechanical Splice Tool Kit without cleaver
TKT-100-02	CamSplice Mechanical Splice Tool Kit with cleaver
95-000-04	CamSplice Mechanical Splice (6/pack)

CORNING

Evolant®
Solutions

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