

# Fusion Splicer Selection Guide



	Q102-CA+	Q502S	Q102-M12+	QUANTUM-ULTRA RIBBON
Technology Feature	 NanoTune™	 NanoTune™	  NanoTune™	  NanoTune™
Applicable Fiber Count	Single	Single	1c to 12c	1c to 16c
Application	High-End Backbone Network	FTTx Network	Ribbon Cable Network in Backbone, FTTx and Data Center	Ribbon Cable Network in Backbone, FTTx and Data Center
Alignment Method	HD Core	Active Clad	Fixed V-Groove	Fixed V-Groove
Splice loss (typical)	.01dB on SM fiber	.03dB on SM fiber	.05dB on SM fiber	.05dB on SM fiber
Splice time (typical)	5 seconds	6 seconds	11 seconds	11 seconds
Fiber Identification				
Heaters	2	1	2	2
Heating time (typical)	8 seconds	12 seconds	28 seconds	28 seconds
Splice and Heat Cycles (typical)	320	250	180	180
Chargeable while working				
Weight with Battery	2.2kg	1.2kg	2.1kg	2.1kg
Monitor	5" color / Touch Screen	4.3" color / Touch Screen	5" color / Touch Screen	5" color / Touch Screen
Data Storage	Splicer & SD Card	Splicer & SD Card	Splicer & SD Card	Splicer & SD Card
Electrode life - Arc Discharges	6000	6000	1500	1500
Standard Warranty	3 years	3 years	3 years	3 years
Cut Sheet	 <a href="#">View Cut Sheet</a>	 <a href="#">View Cut Sheet</a>	 <a href="#">View Cut Sheet</a>	 <a href="#">View Cut Sheet</a>

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