

## Fiber Optic Mechanical Splice



Be applied to connect  $\varnothing 0.25$ -- $\varnothing 0.9$  fiber/cable;  
take advantage of mature V-groove technologies, suitable for single mode and multimode;  
No fixture, operation time less than 1 minute;  
better performance than the imported products.

## TECHNICAL SPECIFICATION

Applicable for	$\varnothing 0.25$ mm & $\varnothing 0.90$ mm fiber
Size	45*4.0*4.7mm
Optical fiber diameter	125 $\mu$ m ( G652D & G657A )
Tight buffer diameter	250 $\mu$ m & 900 $\mu$ m
Applicable mode	single & multimode
Operation time	about 10s (without fiber cut)
Insert loss	$\leq 0.15$ dB ( 1310nm & 1490nm & 1550nm )
Return loss	$\leq -50$ dB
Fastening strength of naked fiber	$>5$ N $\Delta$ IL $\leq 0.1$ dB
Clamping force of fiber with tight buffer	$>8$ N $\Delta$ IL $\leq 0.1$ dB
Using temperature	-40 - +75 C
Reusability (5 times)	IL $\leq 0.2$ dB