

## Fiber Mechanical Splice

Fiber mechanical splice is applicable for connecting fiber cable, save cost; take advantage of mature V-groove technologies, suitable for single mode and multimode; No fixture, operation time less than 1 minute.



### Technical specification

Applicable for	0.25mm,0.9mm fiber cable and 2.0 x 3.0 mm drop cable
Size	77*10*7mm
Optical fiber diameter	125 $\mu$ m ( 657A & 657B )
Tight buffer diameter	250 $\mu$ m & 900 $\mu$ m
Applicable mode	single & multimode
Operation time	about 30s (without fiber cut)
Typical Insert loss	$\leq 0.25$ dB ( 1310nm & 1550nm)
Return loss	$\geq 45$ dB
Success rate	>98%
Reusability times	>10times
Fastening strength of bare fiber	>3 N
Tensile strength	>50 N
Using temperature	-20 - +80 °C
Mechanical durability (500 times)	IL $\leq 0.2$ dB
Drop off test ( 4 meters high, cement floor, three directions)	IL $\leq 0.2$ dB



## Feature

- The drop cable connect to ONU directly in FTTH, the tensile strength is more than 5KG, especially applicable for network upgrading, fiber optic project reconstruction. It reduces one socket with an adapter, not only reduce the cost, but also be easy to operate.
- It can be matched with pigtail (SC、FC、LC、ST and etc )

## Structure

