Tel kom®

Y7 FTTH

FEATURES

4 Motors Accurate Core To Core Alignment
7 seconds splicing & 20 seconds heating
Automatic & real-time ARC calibration
Heating temperature and time both adjustable
Automatic splicing and heating, easy to operate
Apply to bare fiber, pigtails, drop cable etc.
Suitable for FTTx, FTTH, CATV projects etc.

DISCRIPTION

Y7 FTTH, an active Core-alignment splicer with ultra-portable design, is the most efficient fusion splicer in the market. This small but accurate fusion splicer inherits many remarkable functionalities. Y7 FTTH 4.3 inch high-resolution color LCD touch screen & Buttons with user-friendly intuitive GUI (Graphic User Interface) offers large and clear fiber images to users.

1. The Smallest and the Lightest Core Alignment Fiber Fusion Splicer
2. Guaranteed Stability and Splicing Performance
3. SOC Compatible

SPECIFICATIONS

Alignment method	4 motors core to core alignment
Applicable fiber	SM(G.652) , MM(G.651) , DS(G.653) , NZDS(G.655)
Cladding diameter	80 -150μm
Coating diameter	160–1000μm
Cleaved length	5-16mm (coating diameter < 250um), 16mm (coating diameter:250-1000um)
Typical splice loss	SM: 0.02dB ; MM: 0.01dB ; DS: 0.04dB ; NZDS: 0.04dB
Return loss	> 60dB
Splicing program	40 groups
Operation mode	Manual/ Automatic
Auto- heating	Available
Typical splice time	7 seconds
Typical heating time	20 seconds for 60mm and 40mm shrinkable sleeves
Fiber magnification	250X(X or Y view), 125X(X and Y view)
Viewing display	Dual high sensitivity camera, 4.3 inch 800*480 LCD Monitor , Touch Screen/Button
Data storage	4000 groups data records
Loss evaluation	Available
Tension test	1.8 ~ 2.25N
Interface	GUI menu interface, easy for operation
Battery capacity	5200mAh Li-battery, 250 cycles splicing and heating
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V
Electrode life	More than 4000 ARC discharges, easy to replace
Terminals	USB 2.0 port, for software upgrading, records exporting
Operating	Altitude:0-5000m,Humidity:0-95%,Temperature:-15℃ ~ +50℃;Wind:max 15m/s
Dimension/Weight	149mm (L)×120mm (W)×127mm (H) /1.90kg (incuding battery)