TEKCN
SuperX

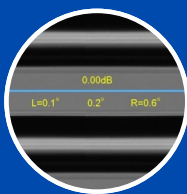## PAS core alignment fusion splicer with 4 Motor

Button+touchscreen, easy to operate

FTTx fusion splicer

About Us

Discover the Teckn SuperX, where innovation thrives, Efficiency and precision, in fiber fusion it thrives, Engineered for reliability, performance that soars, Explore the future of connectivity, with Teckn at its core.

Stable performance, low power consumption, low losses

Waterproof, Dustproof, Windproof, Theftproof, Anti-shock

Designed for use in harsh environments

Package

Super X fusion splicer	Carrying case	C-20	Fiber stripper

Cooling tray	Spare electrodes	Drop cable stripper	AC Adapter	Alcohol bottle

Brush   Knife

Product Parameters

Fiber Alignment	4 motors PAS alignment
Applicable fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZ/NZDS(ITU-TG.655), BI(ITU-T G.657)
Fiber holder	Detachable multi-functional fiber holder supports bare fiber/patch cord/ drop cable etc.
Sheath diameter	100~1000µm
Cladding diameter	80~150µm
Splice mode storage	100 splice modes
Splice time	SM Fast mode 7s
Heating mode storage	20 heating modes
Heat time	SM Fast mode 15s, adjustable according to different sleeve
Applicable protection sleeve	10~60mm
Splice image	300 images
Splice result	10000 splices(recyclable)
Typical Splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DSF) ,0.04dB (NZDS) and 0.02dB(BI)
Return loss	>>60dB
Splice loss estimation	High-accuracy loss estimation
Operating conditions	Altitude 0~5000m, Humidity 0~95%, Temperature -10~+50℃, Max. Wind speed 15m/s
Storage conditions	Humidity 0~95%RH, Temperature -10~+50℃ (Battery -10~+50℃)
Fiber tensile test force	2N
Viewing methods	Dual-channel high-precision cameras, 4.3 inch bright display screen
Magnification	130X Dual axis view (X&Y); 300X single axis view (X or Y)
Interface	USB
Electrode life	Approx. 5000 splices
Power supply	AC100-240V, 50/60Hz
Size&Weight	208x137x101.4mm,1.1kg (1.36kg with battery)