

# Fused Coupler Tapering Equipment

## Fiber Coupler Tapering Equipment

HOPU Fiber Coupler Tapering Equipment has dual heat source which used oxyhydrogen flame to heat the optical fiber. It designed for producing SM&MM 1x2/1x3/1x4/1x5 fiber coupler or splitter. Including SSC/DWC/TWC with different coupling ratios (1/99%~ 50/50%) and 980/1550 WDM, 1310/1550 WDM, 850 multimode fiber components ect. Production quantity of 1x2 fiber coupler is more than 100 pcs per 8 hours by a skilled workers.

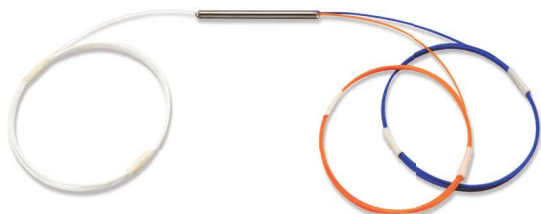
### FEATURES

1X2/1X3/1X4/1X5

Multi Wavelength

Fiber Coupler, WDM

Single Mode, Multi Mode



Parameters	Unit	Value
Taper Length	mm	18~70
Scanning Width	mm	±15
Taper Speed	μm/s	0~600
Taper Accuracy	μm	0.1
Scanning Accuracy	mm/step	0.01
Motion Accuracy of Packaging Stage	mm/step	0.01
Range of H2 Gas Flow	sccm	0~300
Range of O2 Gas Flow	sccm	0~100
Photo Detector	-	InGaAs/Si
Wavelength	nm	800~1700
Dyanic Range of Optical Power Detection	dBm	-70~+6
Resolution of Optical Power Detection	dB	0.01
Operating Environment	-	Temperature: 23±2℃/Humidity:50~60%RH
Power Supply	-	AC100-240V/50~60Hz/5A
Dimensions	mm	L690 x W510 x H228

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## PRODUCTION WORKSHOP



## PRODUCTION PROCESS

