

# WRX12R Ribbon Fusion Splicer

## Reliable Mass Fusion Splicer

The Optix America WRX12R ribbon fusion splicer offers reliable splicing for ribbon and single fiber optic cable. The WRX12R is a rugged and durable unit with an IP52 Ingress Protection Rating. SMART arc control technology automatically adjusts the arc value to the number of fibers being spliced and quality of the fiber cleaves. The WRX12R also utilizes PAS LED technology to align the fibers - this means no mirrors to adjust and clean. The complete kit includes precision cleaver, thermal stripper, 12f fiber holders, 250um or 900um single fiber holders, V-groove cleaning tool, an 840mAH high capacity battery providing over 240 splicing and heat cycles, and more. Guaranteed stability and splicing performance under most environmental conditions, the WRX12R ribbon fusion splicer will be your trusted tool in the field. Standard features include GPS tracking, automatic arc calibration, fast heating, low loss, 13s splice time, force arc, 100X magnification, reverse monitor, and quick splice mode.



## Features

- Reliable ribbon & single fiber splicing
- IP52 Ingress Protection rating
- SMART arc control technology adjusts the arc value to number of fibers being spliced and quality of the fiber cleaves
- Aligns fiber using PAS LED technology - no mirrors to adjust and clean
- 13s splice time and 16s heating
- 100X Magnification of fibers
- GPS Tracking system (IOS Compatible)
- 840mAH high capacity battery providing over 240 splicing and heat cycles
- Records 10,000 splicing result records and 800 splice images
- Also includes precision cleaver, thermal stripper, 12f fiber holders, 250um or 900um single fiber holders, V groove cleaning tool, +++
- Charge and splice - no waiting to start splicing
- Includes Force Arc, Sustained Heat, Quick Splice Mode, & Reverse Monitor features
- CE, ISO, RoHS, GS Certifications
- Three year Warranty
- NJ Service and Support Center

## Standard Package

No.	Item
1	WRX12R Ribbon Fusion Splicer
2	WRXK8R Precision Cleaver with Bin
3	WRXTS6 Thermal Stripper with Adapter
4	12f Fiber Holders (pr)
5	250um <u>or</u> 900um Single Fiber Holders (pr)
6	Battery (8400mAh)
7	Spare Electrodes
8	Cooling Tray
9	AC Adapter for Splicer
10	AC Adapter for Thermal Stripper
11	Direct Charging Cable for Thermal Stripper
12	USB cable
13	Tri Hole Cable Stripper
14	V-groove Cleaning Tool
15	V-groove cleaning swabs (25)
16	Magnifier (5X) with Light
18	Sweeper Brush & Bristle Brush
19	Cleaning Fluid Bottle
20	40mm Ribbon Splice Sleeves (50)
21	Lint Free 4"x4" Wipes (100)
22	Cooling Tray
23	Screwdriver
24	User Manual
25	Hard Case with Strap



## Specifications

PARAMETER	VALUE
Size & Weight	D6.1" x W5.3" x H5.9", 3.75lbs (5.5lbs with battery)
Applicable Fibers	SM, MM, DS, NZ/NZ DS, BI
Fiber Count	Single to 12 fibers
Average Splice Loss	0.05dB(SM), 0.03dB(MM), 0.08dB(DS), 0.08dB(NZ/NZ DS), 0.05dB(BI)
Return Loss	60dB+
Splice Mode	Total 100 splice modes
Typical Splice Time	13sec with SM FAST, 16sec with SM AUTO
Heating Mode	Total 20 heating modes
Tube Heating Time	~16sec
Applicable Sleeve	25~60mm sleeve
Splice Image Capture	800 maximum
Splice Result Storage	10,000 maximum
Operating Language	English
Fiber View	Two Axis CMOS camera
Fiber Magnification	X/Y, X or Y 32-100X magnification
Monitor	4.3 inches high resolution colorful LCD display
Operating Condition	Altitude: 0~3800m above sea level, Temperature: -10~+50°C Wind: 15m/sec, Humidity: 0 ~95%RH
Tension Test	1.96~2.25 N
Electrode Life	2000 arcs
Power Supply	AC100~240V, 50/60Hz
Battery	8400mAh high capacity battery (240 cycles)

## Ordering Information

PART NO.	DESCRIPTION
WRX12R	WRX12R Ribbon Fusion Splicer Kit
WRX12R-FT3X	WRX12R Kit with Three FastTrack Calibrations