Fujikura 38S

NEW

EMM ESS ENTERPRISES

Features

- Core loss estimation function
- Touch panel with easy operation
- Bluetooth capability connection
- Multi-functional carrying case with integrated work station

Single Fiber Fusion Splicer

Fujikura 38S

Active V-groove Alignment

SPECIFICATIONS

Applicable fiber	Single / SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Cladding dia. / Sheath dia.	125 µm / Up to 3mm with sheath clamp
Cleave length	5mm to 16mm
Splice mode / heating mode	Total 100 splice modes / 30 heating modes
Typical splice loss*1	0.03dB (SM), 0.01dB(MM), 0.05dB(DS) and 0.05dB(NZDS)
Return loss	>>60dB
Typical Splice time	6sec SM FAST, 9sec SM AUTO
Typical Tube heating time	25sec FP-03, coating dia.250µm
Splice result storage	Last 10,000 splices
Viewing methods / magnification	2 axis 2CMOS camera with 5.0" color LCD. 132X magnification.200X magnification after splicing
Tension test	1.96 to 2.25N
Applicable protection sleeve	60mm, 40mm and Fujikura micro sleeves
No. of splice / heating per battery full charge*2	Typical 200 cycles with BTR-11
Electrode life	Typical 5000 splices
Wireless connectivity	Wireless technical standard : Bluetooth®4.1LE*3 OS : Andoroid 5.0 or above, ios 8.0 or above (iphone6 above)
Size / weight	131W x 201D x 79H mm / 1300g (including battery)
Operating condition	Altitude : 0 to 5,000m above sea level, Wind : 15m/sec*4 Temperature : -10 to 50deg C, Hµmidity : 0 to 95%RH, non-dew
Resistance feature*5	Shock resistance : 76cm (30inch) bottom surface drop Dust resistance : Exposure to dust（0.1 to 500µm dia. Alumina Silicate）,IP5X Rain resistance : H=10mm/hr for 10min ,IPX2
Other features	PC software upgrade / data management
Terminals	USB 2.0 (Mini-B type) connector for PC communication.

***1:Typical value of the inspection with Fujikura identical fiber. Measured by cut-back method relevant to ITU-T and IEC standards.**
***2:one(1) splicing and heating cycle per two(2) min. under room temperature condition.**
***3:The Bluetooth wireless connection of this product is not guaranteed to work with all smartphones or other devices.**
***4:Under strong wind, it is necessary to lengthen the heating time setting.**
***5:The shock, dust and rain resistance test do not guarantee the product will not be damaged under these conditions.**

Fujikura

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