


 Water resistance  
(IPx2)

 Shock resistance  
(Drop from 30")

 Dust resistance  
(IP5X)

**ENVIRONMENTAL CONDITION & TEST**

<b>OPERATING CONDITIONS</b>	Altitude: 0 - 5000m Humidity: 0 - 95%, non-dew Temperature: -10 to 50 °C Wind: up to 15m/sec
<b>STORAGE CONDITIONS</b>	Humidity: 0 - 95%, non-dew Temperature: -40 to 80°C
<b>RESISTANCE TESTS</b>	Shock Resistance : 76cm for bottom surface drop Exposure to Dust : 0.1 to 500um diameter aluminium silicate Rain Resistance : 10 mm/h for 10 mins

**SPECIFICATIONS**

<b>ALIGNMENT METHOD</b>	Core Alignment
<b>NUMBER OF FIBERS</b>	Single
<b>APPLICABLE FIBERS</b>	SM (ITU-T G.652&T G.657) / MM (ITU-T G.651) / DS (ITU- T G.653) / NZDS (ITU-T G.655)
<b>COATING DIAMETER</b>	100µm - 3mm
<b>CLADDING DIAMETER</b>	80 - 150µm
<b>CLEAVE LENGTH</b>	5 - 16mm
<b>TYPICAL SPLICE LOSS</b>	SM: 0.01dB / MM: 0.01dB / DS: 0.03dB / NZDS: 0.03dB / G.657: 0.01dB
<b>RETURN LOSS</b>	>> 60dB
<b>SPLICE TIME</b>	Quick mode: Avg. 4 sec / SM mode: Avg. 5 sec / Auto mode: Avg. 7 sec
<b>SPLICE PROGRAMS</b>	Max 128 modes
<b>AUTOMATIC CALIBRATION</b>	By air pressure & temperature
<b>ELECTRODE LIFE SPAN</b>	6000 Arc Discharges
<b>HEATING PROGRAMS</b>	Max 32 modes
<b>HEATING TIME</b>	Quick: 9s / Average: 13s
<b>PROTECTION SLEEVE</b>	20mm - 60mm
<b>DATA OUTPUT</b>	USB-C
<b>SPLICE MEMORY</b>	20,000 Splice data / 10,000 Splice image
<b>BATTERY</b>	5200mAh (Optional 7000mAh) / Operation Cycle: 300 cycles (Optional 350)
<b>POWER SUPPLY</b>	AC Input 100 - 240V, DC Input 9 - 19V
<b>MONITOR</b>	5.0" Color LCD display, Full Touch Screen
<b>MAGNIFICATION</b>	x360, x520
<b>PULL TEST</b>	1.96 - 2.25N
<b>DIMENSIONS</b>	5.95" x 5.86" x 6.96" (15.1 cm x 14.9 cm x 17.7 cm)
<b>WEIGHT</b>	5.18 lbs (2.35 kg)
<b>UPC #</b>	810132437922

\*Splicing Time: Measured from the time of fibers entering the screen until the estimated loss is displayed. Splicing time can vary depending on the calibration status.

\*Battery: Measured as 1-minute cycle of splicing and heating. Measured in Power Save mode.