

# K7 SPECIFICATION

\* in average

No	CATEGORY	DESCRIPTION
1	Applicable Fibers	SM(G.652, G.657), MM(G.651), NZDSF(G.655), DSF(G.653)
2	Auto-Recognized Fibers	SMF(G.652) G.657A2/B2, G.657B3, MMF(G.651), NZDSF(G.655), DSF(G.653), Fiber registration per local
3	Cladding and Coating dimensions, fiber count	Clad:80~150 $\mu$ m, Coating:100~1000 $\mu$ m, Single
4	Fibers cleave length	8~16 mm
5	Average splice loss	SM:0.02dB, MM:0.01dB, NZDSF:0.04dB, DSF:0.04dB
6	Average return loss	>60dB
7	Splice time	6 sec.* (Quick Mode)
8	Heat time	13sec.*:IS-60(60mm)Sleeve(IS-60 Mode), 9sec.*:IS-45(45mm)Sleeve(IS-45 Mode)
9	Boot up time	Typical 10sec.
10	Fiber image magnification	220x ~ 700x
11	Splice Memory	Data:10,000 results, Image:10,000 results
12	Battery Capacity	300 Splice/Heat cycles(14.8V 6000mAh)
13	Electrode Life	3,500 times
14	Operating environment	Altitude:5000m, Temperature :-10°C~50°C, Humidity:0~95% Wind:15m/s
15	Storage environment	Temperature:-40~80°C, Humidity:0~95%
16	Dimensions	142(W) $\times$ 163(L) $\times$ 146(H)mm, 2.5kg(Including battery)
17	Viewing / Display	2 CMOS Camera, 4.3" TFT Color LCD
18	Applicable Sleeves	60mm, 40mm, 32mm(SOC), Micro
19	Tension test	2N, 4.4N(option)
20	Power supply	Battery pack, DC Adaptor, 12V cigar jack
21	Data output	USB2.0, RCA
22	Remote control service	Remote control service by internet server
23	Firmware upgrade	USB Memory Stick, Internet
24	Protection	Dust proof, Water proof, Shock proof
25	Sleeve heater	Dual sleeve heater(SOC Sleeve Heating)