



# SUMITOMO ELECTRIC

## T-71C core aligning splicer

### T-71C

Compact, lightweight & fast

Durable, rugged & IP52 compliant

Remote upgrades and support

Simple & versatile with full touch screen control



## Highlights



Carrying case includes a practical work platform



Easy to use with full touch screen control



Splice-on Lynx field termination connectors



Fast dual ovens with auto-start for productivity



SD card reader for data, image and video storage



Accepts 5mm cleave length for compact splices



# Specification

## FIBRE TYPES SPLICED

## MEAN INSERTION LOSS\* ALIGNMENT

## FIBRE DIAMETER

## COATING DIAMETER

## CLEAVE LENGTH (Min)

## APDS FIBRE RECOGNITION

## ARC CALIBRATION

## FIBRE HANDLING

## SPLICE LYNX CONNECTOR

## SPLICE & OVEN PROGRAMS

## SPLICE TIME

## PROOF TEST

## HEAT SHRINK OVENS

## HEAT SHRINK TIME

## SPLICE RESULT STORAGE

## SPLICE IMAGE STORAGE

## OPERATING CONDITIONS

## STORAGE CONDITIONS

## POWER INPUTS

## BATTERY

## INTERFACES

## STORAGE MEDIA

## DIMENSIONS\*\*

## DISPLAY & USER INTERFACE

## INGRESS PROTECTION\*\*\*

## ATTENUATION MODE

## \*SPlicing NOTE

## \*\*DIMENSION NOTE

## \*\*IP RATING NOTE

SMF ITU-T G652, MMF G651, DSF G653, PSCF G654, NZDSF G655 & G656, BIF G657, EDF, CSF and other types.

SM 0.02dB, MM 0.01dB, DS 0.04dB, NZ 0.04dB

Core, Adaptive, Auto Intentional Axis Shift (AIAS) and Cladding Edge

80 to 150um Cladding diameter

100um to 1000um

Primary coated 5mm, tight secondary coated 10mm, loose buffer 20mm

SMF, MMF, NZDSF, EDF and user defined

Arc Test plus automatic arc compensation before each splice

Universal coating clamps or fibre holders - user selectable

Yes, all single fibre types

Splice - 300 max. Oven - 100 max. All programs are user editable

Approx 7s in SMF Quick mode, Approx 10s in AUTO mode

1.96N (200gf)

Dual, fully independent ovens, with auto-start on loading the fibre

28s for 60mm when powered by ADC-1430

10000 splices without SD card, otherwise limited only by SD card capacity

64 splices without SD card, otherwise limited only by SD card capacity

-10°C to 50°C, <95% non-condensing humidity, 6000m, 15m/s wind

-40°C to 80°C, <95% non-condensing humidity

100~240V AC, 50/60Hz, 1.1A with Sumitomo ADC-1430 adaptor

BU-11 4.6Ah, Li-ion, Approx 200 splice & heat cycles

Data: USB 2.0 mini. Power output: 12V DC.

SD card, up to 16GB

120(w) x 154(d) x 130(h)mm, 2.1kg including BU-11 battery

4.1" touch screen LCD, up to 700x magnification with Zoom function

Splicer: Dust IP5x, water IPx2.

Programmable range 0 to 15dB in 0.1dB increments

Insertion loss is for break and remake of identical Sumitomo fibres.

Dimensions exclude protruding parts such as rubber bumpers

Compliant only when wind hood and all port covers are closed.

# Accessories & consumables



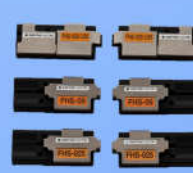
FC-6 bench  
top cleaver



FC-7 hand held  
fibre cleaver



FC-7R cleaver with  
auto rotating blade



Holders for primary  
& secondary coated fibre



JR-M03 fibre  
stripping tool



Splice protection  
sleeves



ER10 electrodes



JR-25 fibre  
stripping tool



PC-V11 DC  
power cord



BU-11 battery