



# Sumitomo Electric

RoHS  
COMPLIANT  
2002/95/EC



## ***T-66M12***

### ***MASS FUSION SPLICER***



| T-66M12 Mass Fusion Splicer    |  |
|--------------------------------|--|
| Material                       | Silica glass   |
| Profile                        | SMF, MMF, DSF, NZDSF and others  |
| Mean loss                      | SMF 0.05dB, MMF 0.03dB, DSF 0.08dB, NZDSF 0.08dB   |
| Fibre count                    | 1, 2, 4, 5, 6, 8, 10, 12   |
| Fibre diameter                 | 125um  |
| Cleave length                  | 10mm   |
| Coating diameter, single fibre | 250um primary, 900um secondary   |
| Fibre pitch, ribbon            | Nominal 250um  |
| Splice time                    | ~20s 8 core and 12 core ribbon   |
| Proof test                     | 1.96N (200gf)  |
| Heat shrink time/oven          | ~45s for 8 core ribbon sleeve, ~75s for 12 core ribbon sleeve  |
| Programs                       | Max 60 splice, max 20 heat shrink oven   |
| Data storage                   | 2000 splices   |
| Operating conditions           | -10°C to 50°C, <95% non-condensing humidity, <3660m  |
| Storage conditions             | -40 to 70°C  |
| Interfaces                     | Data: USB1.1 Type B. Power output: 12V DC for heated stripping tool  |
| Power input                    | 100~240V AC or 10~15V DC, via PS-66 adaptor  |
| Dimensions                     | 150x150x150mm, 5.6" LCD, 2.1kg (2.7kg including PS-66 power adaptor)   |
| Batteries                      | BU-66S 4.5Ah, BU-66L 9Ah: 80 or 160 splice and heat cycles respectively on 12 core ribbon with Sumitomo FPS-6 sleeve |

## FIBRE HOLDERS



| Single  | 2 core | 4 core | 5 core | 6 core | 8 core | 10 core | 12 core |
|---------|--------|--------|--------|--------|--------|---------|---------|
| FHS-025 | FHM-2  | FHM-4  | FHM-5  | FHM-6  | FHM-8  | FHM-10  | FHM-12  |
| FHS-09  | FHM-2A | FHM-4A | -----  | FHM-6A | -----  | -----   | -----   |

FHM-xA holders have a 3M Trizact® anti-slip coating to increase the grip force on the ribbon

## T-66 OPTIONS AND ACCESSORIES



**ER-10**

**FC-6M-C**

**BU-66L**

**BU-66S**

**JR-5B**

**PC-V66**

## TOOLS FOR BREAKOUT AND RIBBONISING



**TS-4**  
Splits 4 core ribbons into two 2 core ribbons



**TS-1/4**  
Separates 4 core ribbon into 4 individual fibres



**TS-08**  
Splits 8 core ribbon into two 4 core ribbons



**FTA-2**  
Fixture for ribbonising up To 12 individual fibres

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