

SKYCOM Communications Ltd is a high-tech enterprise specialized in R&D, manufacture and sell optical fiber fusion splicer, OTDR, fiber cleaver, light source, power meter, visual fault locator, fiber identifier, variable attenuator, etc. The company was founded in 2010 and has since grown to become a major player in the fiber optic industry.

SKYCOM has adopted ISO9001 modern management system and owns a workshop of 3000 m². Thanks to SKYCOM experienced technologist, SKYCOM self-developed fusion splicers have obtained CE, SGS certificates and 5 patents for their latest innovative technologies.

After many years of exploiting market, SKYCOM has won a good reputation among Network and Telecom customers for their small & light & portable, easy operating, stable performance, prompt and effective after service. SKYCOM also provide OEM service, we welcome new and old customers from all over the world to contact us for future business relationships and mutual success!



6-motor Fusion Splicer SKYCOM T-319S

| | |
|-----------------------|--|
| Monitor | 4.3 inches high resolution colorful LCD display |
| Applicable Fibers | SM, MM, NZ-DS, EDF, Pigtail, FTTH drop cable SC/LC/FC connector (optional function) |
| Average Splice Loss | 0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF) |
| Return Loss | ≥60dB |
| Quick splicing time | 8 seconds |
| Quick heating time | 20 seconds |
| Operating Language | English, French, Portuguese, Spanish, Italian, Russian, Indonesian |
| Operating Conditions | -10~+50°C(operation temperature), 0~95% RH(humidity), 0~5000m(altitude) |
| Fiber Image | X or Y Separately 520 times or Simultaneously 280 times |
| Estimated Splice Loss | Available |
| Cleaving angle | Available |
| Automatic setting | Automatic camera and motor forward adjustment |
| Power Supply | Inner lithium battery: 11.1V, 5.2 Ah, 5200mAh, Up to 220 times splice and heat |
| Dimensions | 120(W)*120(D)*130(H)mm |
| Weight | 1.29kg(without battery pack) |



Portable Fusion Splicer SKYCOM T-307H

| | |
|-----------------------|--|
| Monitor | 4.3 inches high resolution colorful LCD display |
| Applicable Fibers | SM, MM, NZ-DS, EDF, Pigtail, FTTH drop cable SC/LC/FC connector (optional function) |
| Average Splice Loss | 0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF) |
| Return Loss | ≥60dB |
| Quick splicing time | 8 seconds |
| Quick heating time | 20 seconds |
| Operating Language | English, French, Portuguese, Spanish, Italian, Russian, Indonesian |
| Operating Conditions | -10~+50°C(operation temperature),0~95% RH(humidity), 0~5000m(altitude) |
| Fiber Image | X or Y Separately 400 times or Simultaneously 270 times |
| Estimated Splice Loss | Available |
| Cleaving angle | Available |
| Automatic setting | Automatic camera and motor forward adjustment |
| Power Supply | Inner lithium battery: 11.1V, 5.2 Ah, 5200mAh, Up to 220 times splice and heat |
| Dimensions | 120(W)*120(D)*130(H)mm |
| Weight | 1.26 kg(without battery pack) |



Metro AN Fusion Splicer SKYCOM T3X-MAX

| | |
|---------------------------|--|
| Monitor | 5 inches high resolution colorful LCD display |
| Applicable Fibers | SM, MM, NZ-DS, EDF, Pigtail, FTTH drop cable SC/LC/FC connector (optional function) |
| Average Splice Loss | 0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF) |
| Return Loss | ≥60dB |
| Tension Test | 2.0N(200gf)(Standard) |
| Typical splicing time | 9 seconds |
| Typical heating time | 20 seconds |
| Splicing Program | 50 groups |
| Operating Language | English, French, Portuguese, Spanish, Italian, Russian, Indonesian |
| Operating Conditions | -10~+50°C(operation temperature),0~95% RH(humidity), 0~5000m(altitude) |
| Power Supply | AC adaptor: 100~240V input voltage, 50/60Hz; 12V, 5A output voltage(DC) Inner lithium battery: 11.1V, 6.4Ah |
| Fiber Image Magnification | X or Y axis Separately views with 520 times magnification, or Simultaneously 340 times |
| Storage of Splice Result | 6,000 groups of latest splice results,100 images |
| Optical Fiber Fixture | 3-in-1 cutting fixture; Multipurpose 1+N fixture (Optional for SC/LC/FC connector) |
| Dimensions | 130(W)*138.5(D)*135(H)mm; Package size: 52*32*30cm |
| Weight | 1.64kg (without battery pack) |



FTTX Fusion Splicer SKYCOM T3H-MAX

| | |
|---------------------------|---|
| Monitor | 5 inches high resolution colorful LCD display |
| Applicable Fibers | SM, MM, NZ-DS, EDF, Pigtail, FTTH drop cable SC/LC/FC connector (optional function) |
| Average Splice Loss | 0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF) |
| Return Loss | ≥60dB |
| Tension Test | 2.0N(200gf)(Standard) |
| Typical splicing time | 9 seconds |
| Typical heating time | 20 seconds |
| Splicing mode | full-automatic , automatic, manual |
| Heating mode | automatic, manual |
| Splicing Program | 50 groups |
| Operating Language | English, French, Portuguese, Spanish, Italian, Russian, Indonesian |
| Operating Conditions | -10~+50°C(operation temperature),0~95% RH(humidity), 0~5000m(altitude) |
| Power Supply | AC adaptor: 100~240V input voltage, 50/60Hz; 12V, 5A output voltage(DC) ;Inner lithium battery: 11.1V, 6.4Ah |
| Fiber Image Magnification | X or Y axis Separately views with 360 times magnification, or Simultaneously 340 times |
| Storage of Splice Result | 6,000 groups of latest splice results,100 images |
| Optical Fiber Fixture | 3-in-1 cutting fixture; Multipurpose 1+N fixture (Optional for SC/LC/FC connector) |
| Dimensions | 130(W)*138.5(D)*135(H)mm; Package size: 52*32*30cm |
| Weight | 1.64kg (without battery pack) |



OTDR T-OT520 Series

| Item \ Model | TOT520 series OTDR | | | |
|---------------------------------|---|-----------|-----------|-----------|
| | TOT520D | TOT550-S3 | TOT550-S4 | TOT550-S5 |
| Central wavelength (nm) | 1310/1550 | 1610 | 1625 | 1650 |
| Maximum dynamic range(dB) | 24/22 | 22 | 22 | 22 |
| Event dead zone (m) | < 2.5m | | | |
| Attenuation dead zone (m) | < 8.0m | | | |
| Display screen type | 3.5 inch color LCD, operation of the touch screen | | | |
| Optical interface | FC/UPC (can be interchanged to SC or ST) | | | |
| Test range (km) | 0.5、 1、 2、 4、 8、 16、 32、 64、 128、 256 | | | |
| Pulse width (ns) | 5、 30、 50、 100、 275、 500、 1000、 5000、 10000 | | | |
| Ranging accuracy (m) | ± (1m+ sample interval +0.005%×distance) | | | |
| Attenuation measurement (dB/dB) | ±0.05 | | | |
| Reflection measurement (dB) | ±5 | | | |
| Data storage | ≥1000 testing curves | | | |
| VFL | 5km VFL | | | |
| OPM | -10dBm~-70dBm or +26dBm~-50dBm | | | |
| LS | The output power: -5dBm, Modulation frequency: CW/270Hz/1KHz/2KHz | | | |



OTDR T-OT560 Series

| | T-OT560-A24D | T-OT560-T26 |
|---------------------|--|-------------|
| MODEL | | |
| Wavelength | 1310/1550 | 1610 |
| Dynamic | 24/22 dB | 24 dB |
| Measuring range | 100m、 500m、 2km、 5km、 10km、 20km、 40km、 80km/90km | |
| Sampling resolution | Minimum: 0.2m | |
| The sampling point | 64,000 point | |
| linearity | ≤0.05dB/dB | |
| Range accuracy | ±(0.5m+Range×3×10 ⁻⁵ +Sampling resolution) (Excluding refractive index error) | |
| Memory | >40000 | |
| VFL | 10mW, CW/2Hz | |
| Data interface | 2 ↑ USB (Type A×1, Micro usb×1), SD card | |
| Screen | 4.3-inch TFT-LCD (Standard distribution capacity touch screen) | |
| Battery | 3.7V/5200mAh | |
| Size/Weight | 175x105x45mm / 0.56kg (Contain the battery) | |
| OPM | Type A: -10dBm~-70dBm;Type B: +26dBm~-50dBm | |
| LS | The output power: -5dBm, Modulation frequency: CW/270Hz/1KHz/2KHz | |
| Network Cable test | Support network wire sequence testing and wire alignment | |



OTDR T-OT750 Series

| Model No. | Wave Length(nm) | Dynamic Range (dB) | Deadzone (M) |
|-----------------------------|--|--|-------------------|
| T-OT750-S-A32 | 1310/1550 | 32/30 | 0.8/4 |
| T-OT750-S-A35 | 1310/1550 | 35/33 | 0.8/4 |
| T-OT750-S-A42 | 1310/1550 | 42/40 | 0.8/4 |
| T-OT750-S-AB35 | 1310/1550/1625 | 35/33/32 | 0.8/4 |
| T-OT750-S-AB42 | 1310/1550/1625 | 42/40/38 | 0.8/4 |
| T-OT750-S-AC35 | 1310/1550/1650 | 35/33/32 | 0.8/4 |
| T-OT750-M26 | 850/1300 | 22/26 | 2/5 |
| T-OT750-SM35 | 1310/1550/850/1300 | 35/32/22/26 | SM: 0.8/4 MM: 2/5 |
| Pulse Width | SM | 3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs | |
| | MM | 850mm: 3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1us 1300mm: 3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1us, 2us | |
| Test Range | SM | 100m、500m、2km、5km、10km、20km、40km、80km、120km、160km、240km | |
| | MM | 850mm: 500m, 2km, 5km, 10km 1300mm: 500m, 2km, 5km, 10km, 20km, 40km, 80km | |
| Minimum sampling resolution | 0.05m | | |
| Maximum sampling point | 256,000 | | |
| Result Storage | >16G SD card(Maximum support 128G) | | |
| Monitor | 5.6 "TFT LCD 640 * 480 | | |
| Battery | 7.4V/2500mAh X 2 lithium battery(Aviation certification) | | |
| VFL | 10KMS, 10mW, CW/2Hz | | |
| OPM | Option A: -10dBm~-70dBm; Option B: +23dBm~-50dBm | | |
| Laser source | Output: -5dBm±2dB, Frequency: CW/270Hz/1KHz/2KHz | | |



MINI Optical Power Meter

| | | |
|----------------------------------|--|------------|
| Model | T-OP400D | T-OP400G |
| Power Measurement Range | -70~+10dBm | -50~+26dBm |
| Wavelength Range | 800~1700nm | |
| Connector | Universal connector FC/SC/ST | |
| Probe Type | InGaAs | |
| Uncertainty | ±5% | |
| Standard Wavelength | 850/980/1300/1310/1490/1550/1625 /1650nm | |
| Display Resolution | Linear Display 0.1%; Logarithmic display 0.01dBm | |
| Working Temp | -10~+60 °C | |
| Storage Temp | -30~+70 °C | |
| Auto Switch-off Time | 10min | |
| Battery continuous working time | 72h | |
| Meter Size | 112*66*30mm | |
| Power Supply | AAA Battery * 2/Rechargeable Lithium Battery(Optional) | |
| Weight | 140/150g | |
| Network test port (Optional) | RJ45 | |
| 650m red light source (Optional) | 1mw/10mw | |



Optical Light Source

| | | | |
|--------------------|--|------------------|-------------|
| Model | TOP360-LS35 | TOP360-LS345 | TOP360-LS83 |
| Central Wavelength | 1310/1550nm | 1310/1490/1550nm | 850/1300nm |
| Stabilization* | ±0.05dB / 1 hour;±0.1dB / 8 hours | | |
| Output Power | > - 6dBm @ 1310nm/1490nm/1550nm/1625nm / > -10 dBm @ 850nm/1300nm | | |
| Modulation | 270Hz, 1KHz, 2KHz | | |
| Connector | FC/PC (or customize) | | |
| Auto Power Off | No operation in 10 minutes (can be canceled), Low battery energy | | |
| Battery Charge | Yes | | |
| Power Supply | AA * 2 batteries or USB cable | | |



OPTICAL MULTI-METER TOP360 Series

| Model | OPM | Laser Source | VFL |
|---------------------|---|------------------|------|
| TOP360DV10-LS345 | -70dBm ~ +10dBm | 1310/1490/1550nm | 10mW |
| TOP360GV10-LS345 | -50dBm ~ +26dBm | 1310/1490/1550nm | 10mW |
| TOP360DV10-LS35 | -70dBm ~ +10dBm | 1310/1550nm | 10mW |
| TOP360GV10-LS35 | -50dBm ~ +26dBm | 1310/1550nm | 10mW |
| TOP360DV10-LS83 | -70dBm ~ +10dBm | 850/1300nm | 10mW |
| TOP360GV10-LS83 | -50dBm ~ +26dBm | 850/1300nm | 10mW |
| Power meter | | | |
| Wavelengths | 850nm / 1300nm / 1310nm / 1490nm / 1550nm / 1625nm | | |
| Accuracy * | ± 0.2 dB | | |
| Linearity | ±2% | | |
| Resolution | 0.01dB | | |
| PD Type | InGaAs | | |
| Fiber Connector | 2.5mm UPP and FC interchangeable (SC, ST optional) | | |
| Light source | | | |
| Output Power | - 5dBm ±0.5dBm | | |
| Laser Type | 850nm,1300nm,1310nm,1550nm@FP; 1490nm,1625nm@DFB | | |
| Modulation Wave | 270HZ,1KHz,2KHz | | |
| Other Items | | | |
| Power Supply | 3*AA Battery/USB | | |
| Net Test | RJ-45 | | |
| Size | 174*82*38mm | | |
| Weight | 150g | | |



Visual Fault Locator

| | | | | |
|-----------------------|-------------------------------------|---------|----------|----------|
| VFL200 series | T-VF201 | T-VF210 | T-VF220 | T-VF230 |
| Wavelength | 650nm ± 20nm | | | |
| Output Power * | > 1mW | > 10mW | > 20mW | > 30mW |
| Dynamic Distance ** | >5 km 3~5 km | 8~10 km | 15~17 km | 25~30 km |
| Glint | 2Hz | | | |
| Connector *** | 2.5mm or 1.25mm Universal connector | | | |
| Storage Temperature | -20 -- +60 °C, < 90%RH | | | |
| Operating Temperature | -10 -- +50 °C, < 90%RH | | | |
| Power Supply | AA * 2 | | | |
| Weight | 80g | | | |



PON Power Meter TOP370 Series

| | |
|--------------------------------|--|
| PON module: | T-PO370 |
| 1310 Pass Zone | 1260nm~1360nm |
| 1490 Pass Zone | 1470nm~1505nm |
| 1550 Pass Zone | 1535nm~1570nm |
| MeasurementRange | -40dBm~+10dBm |
| Output power(max) | 25dBm |
| Isolation@ (1310/1490nm) | >40dB |
| Connatural uncertainty | ±0.5dB |
| Linearity | ±0.1dB |
| Passing through insertion Loss | <1.5dB |
| Detector Type | InGaAs |
| Optical Connector | FC/SC/ST Interchangeable/2.5 universal adapter |
| Fiber Type | SM 9/125um |
| Measurement Unit | dB/dBm/xW |
| Resolution | 0.01dB |
| Power Supply | 3pc 1.5V battery |
| Operation Temperature | -10°C ~ 60°C |
| Weight | 423g |



Fiber Identifier TFI3306E

| | |
|--|--|
| Model | TFI3306E |
| Identifier module | |
| Wavelength range | 800~1700nm |
| Probe type | InGaAs |
| Adapter type | 250um、900um、2mm、3mm |
| Modulation frequency | CWHz, 270HZ, 1KHZ, 2KHZ |
| Optical fiber signal display detection range | +13~-50dBm |
| Signal direction detection range Typical Value | +13~-35dBm |
| Signal frequency indication | 270Hz, 1KHz, 2KHz |
| Signal frequency detection range Typical Value | +13~-30dBm |
| Standard OPM module | |
| Test wavelength | 850nm、1300nm、1310nm、1490nm、1550nm、1625nm |
| Power test range | +26~-50dBm |
| Unit | dBm、dB、xW |
| Resolution ratio | 0.01dB |
| Uncertainty | ≤0.5dB |
| Test interface | Ø2.5mm universal interface |
| VFL module | |
| Wavelength | 650±10nm |
| Output power | ≥10mW |
| Test interface | Ø2.5mm universal interface |
| Others | |
| Display screen | Color-LCD |
| Power supply | 2*1.5V AA battery |
| Operating temperature | -20~+60°C |
| Storage temperature | -30~+70°C |
| Dimension without switch pull button | 220*38*28mm |
| Weight without batteries | 145g |



Fiber Cleaver T-905

| | |
|------------------|--|
| Applicable range | Single Core fiber |
| Coating Diameter | 100~1000um |
| Fiber Diameter | 80~150um |
| Cleave Length | 9~16mm (ϕ 0.25mm) 、 10~16mm (ϕ 0.9mm) |
| Dimension | 55mm*58mm*52mm |
| Weight | 0.45kg |
| Cleaving Angle | $\leq 0.5^\circ$ |
| Blade Life | 36000 times |



Buffer Tube Stripper

45-162 | 45-163

Longitudinal Buffer Tube Slitter



- 45-162 Grey buffer tube stripper (For Fiber Applications)
- Use for simplex fiber and a variety of fiber optic cable up to 1/8 inch diameter
- 45-163 Blue buffer tube stripper (For coax Applications)
- Use for Coaxial Cable 1/8 in. to 7/32 in. (5.6mm - 3.2mm) O.D.
- Adjustable blades can be set for any depth to help ensure nick-free strips

- Tool size(mm):50×40×20; Weight:35g
- Cable can be processed:
 - a.(\varnothing 1.5~ \varnothing 1.9mm); b.(\varnothing 2.0~ \varnothing 2.4mm);
 - c.(\varnothing 2.5~ \varnothing 2.9mm);
 - d.(\varnothing 3.0~ \varnothing 3.3mm)

FTTH Fiber Optic Tool Kit (T-TK300)

| Item | Name | Funcion |
|------|--|---|
| 1 | Optical power meter (T-OP400T or T-OP400C) | To measure the loss of Fibers Remarks: T-OP400T, -70~+6 dB; T-OP400C, -50~+26 dB |
| 2 | Fiber Cleaver (FC-6S) | Cleave the Fiber |
| 3 | Visual Fault Locator (T-VF201, > 1mW) | Determine the location of the fiber failure point |
| 4 | Fiber Stripper | Fiber optic stripping |
| 5 | Cable Stripper | Peel cables |
| 6 | Bottle Alcohol | Wipe fiber core |
| 7 | Fast Connect Length Holder | Ensure fast connect |
| 8 | Bag Tool Kit | Put all included tools |



FTTH Fiber Optic Tool Kit (T-TK200)

| Item | Name | Funcion |
|------|--|---|
| 1 | Optical power meter (T-OP400T or T-OP400C) | To measure the loss of Fibers Remarks: T-OP400T, -70~+6 dB; T-OP400C, -50~+26 dB |
| 2 | Fiber Cleaver (T-905) | Cleave the Fiber |
| 3 | Visual Fault Locator (T-VF201, > 1mW) | Determine the location of the fiber failure point |
| 4 | Fiber Stripper | Fiber optic stripping |
| 5 | Cable Stripper | Peel cables |
| 6 | Bottle Alcohol | Wipe optic fiber core |
| 7 | Fast Connect Length Holder | Ensure fast connect |
| 8 | Bag Tool Kit | Put all included tools |





Electrodes



Drop Cable Stripper



Fiber Stripper



Economy Kevlar[®] Cutter



Fiber Splicing Protective Sleeves



Tool Kit