

DATASHEET

Fiber install&assembly tools

Easily and efficiently Fiber install&assembly



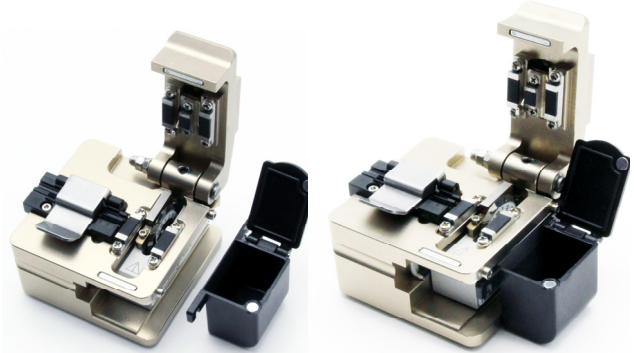
RoHS



OMC INDUSTRY CO.LIMITED

Fiber Cleaver : OMCFC-200

Compact body& light weight
 High Precision Cleaves
 250um Coated or 900um Buffer fiber, Ribbon Fiber
 16 Position Rotatable and Replicable Blade
 Suit for Cable and Fusion Splice-on Connector strip



| Part NO | Cleave Length | Size | Fiber type | Cleaving Angle | Blade Life | Package |
|-----------|--|-----------------------|---|------------------|-------------|--|
| OMCFC-200 | 9~16mm(ϕ 0.25) 10~16(ϕ 0.9) | L*W*H(mm) 58*57*53 | Single core fiber and Ribbon fiber (exchangeable) | $\leq 0.5^\circ$ | 40000 times | Fiber Cleaver , User Manual, Carrying Case |

Fiber Cleaver : OMCFC-210

Compact body& light weight
 High Precision Cleaves
 250um Coated or 900um Buffer fiber
 16 Position Rotatable and Replicable Blade
 Suit for Cable and Fusion Splice-on Connector strip



| Part NO | Cleave Length | Size | Fiber type | Cleaving Angle | Blade Life | Package |
|-----------|--|-----------------------|-------------------|------------------|-------------|---------------------------------|
| OMCFC-210 | 9~16mm(ϕ 0.25) 10~16(ϕ 0.9) | L*W*H(mm) 58*57*53 | Single core fiber | $\leq 0.5^\circ$ | 48000 times | Fiber Cleaver , User Manual, |

Fiber Cleaver : OMCFC-231

OMCFC-231 is a very robust fiber cleaver with user friendly design. It can change the position of the cleaving blade automatically after every cleaving. It can also complete cleaving works including scrap collection in one step, which will increase work efficiency a lot.

Robust and high precision
 Changes the position of the cleaving blade automatically
 One step to complete cleaving works including scrap collection



| Part NO | Cleave Length | Size | Fiber type | Cleaving Angle | Blade Life | Package |
|-----------|--|------------------------|-------------------|------------------|-------------|--|
| OMCFC-231 | 5~16mm(ϕ 0.25) 10~16(ϕ 0.9) | L*W*H(mm) 103*93*47 | Single core fiber | $\leq 0.5^\circ$ | 78000 times | Fiber Cleaver , User Manual, Carrying Case |

Fiber&Cable Stripper: FO 103-S

Precision jaw tolerance,
Prevent fiber damage
Very long usage life
Anti-rust primer



| Part NO | Material | Length | Weight | Function | OEM Package |
|----------|-------------------|--------|--------|----------------------------|---------------------|
| FO 103-S | High-carbon steel | 135mm | 71g | Strip 900um/250um to 125um | Laser Mark, OEM box |

Fiber&Cable Stripper: CFS-2

Precision jaw tolerance,
Prevent fiber damage
Very long usage life
Anti-rust primer



| Part NO | Material | Length | Weight | Function | OEM & Package |
|---------|-------------------|--------|--------|--|---------------------|
| CFS-2 | High-carbon steel | 165mm | 150g | Port 1: Strip 3.0/2.0mm to 0.9mm Port 2: Strip 900um/250um to 125um | Laser Mark, OEM box |

Fiber&Cable Stripper: CFS-3

Precision jaw tolerance,
Prevent fiber damage
Very long usage life
Anti-rust primer



| Part NO | Material | Length | Weight | Function | OEM & Package |
|---------|-------------------|--------|--------|--|---------------------|
| CFS-3 | High-carbon steel | 165mm | 150g | Port 1: Strip 3.0/2.0mm to 0.9mm Port 2: Strip 900um to 250um Port 3: Strip 250um to 125um | Laser Mark, OEM box |

Fiber&Cable Stripper: CNS-3

Precision jaw tolerance,
Prevent fiber damage
Very long usage life
Anti-rust primer



| Part NO | Material | Length | Weight | Function | OEM & Package |
|---------|-------------------|----------|--------|--|---------------------|
| CNS-3 | High-carbon steel | 146x60mm | 120g | Port 1: Strip 3.0/2.0mm to 0.9mm Port 2: Strip 900um to 250um Port 3: Strip 250um to 125um | Laser Mark, OEM box |



Multi-function Indoor Fiber&Cable Stripper

Multi-function Indoor Fiber&Cable Stripper: MFCS-1

- Precision jaw tolerance,
- Prevent fiber damage
- Very long usage life
- Anti-rust primer



Freely adjustable 0.5-4mm range, Use a screwdriver to loosen the set screws, select the appropriate size, and then fix



| Part NO | Material | Length | Weight | Function | OEM &Package |
|---------|-------------------|--------|--------|--|---------------------|
| MFCS-1 | High-carbon steel | 128 mm | 80g | Strip cable from 0.5mm-4mm In one port | Laser Mark, OEM box |

Multi-function Indoor Fiber&Cable Stripper: LY-502x series

- A variety of fiber removal interfaces, making work no longer limited
- Precision jaw tolerance,
- Prevent fiber damage
- Very long usage life
- Anti-rust primer



| Part NO | Material | Length | Weight | Function | OEM &Package |
|---------|-------------------|--------|--------|--|---------------------|
| LY-5021 | High-carbon steel | 167mm | 167g | Strip Cable OD of 2.6mm,2.0mm,1.6mm,1.3mm, 1.0mm,0.8mm,0.6mm | Laser Mark, OEM box |
| LY-5022 | High-carbon steel | 167mm | 167g | Strip Cable OD of 1.6mm,1.3mm,1.0mm, 0.8mm,0.6mm,0.5mm | Laser Mark, OEM box |
| LY-5023 | High-carbon steel | 167mm | 167g | Strip Cable OD of 0.6mm,0.6mm,0.5mm, 0.4mm,0.32mm,0.25mm | Laser Mark, OEM box |

FTTH Drop cable Stripper: FDSC-23

Precision jaw tolerance,
Prevent fiber damage
Very long usage life
Anti-rust primer

Cut FRP and Steel wire in Drop cable



3.0x2.0mm



| Part NO | Body Material | Blade Material | Length | Weight | Function | OEM Package |
|---------|---------------|----------------|--------|--------|-------------------------------------|---------------------|
| FDSC-23 | Zinc alloy | CR12,HRC | 110mm | 71g | Strip 3.0x2.0mm Drop cable to 250um | Laser Mark, OEM box |

FTTH Drop cable Stripper: FDSC-21

Precision jaw tolerance,
Prevent fiber damage
Very very long usage life
Anti-rust primer

Cut FRP and Steel wire in Drop cable



5G



2.0x1.6mm

| Part NO | Material | Blade Material | Length | Weight | Function | OEM Package |
|---------|------------|----------------|--------|--------|-------------------------------------|---------------------|
| FDSC-21 | Zinc alloy | CR12,HRC60-63 | 110mm | 71g | Strip 2.0x1.6mm Drop cable to 250um | Laser Mark, OEM box |

Kevlar scissor: FKS-1

Serrated Shear Design
 Blade rust prevention
 Anti Slip and wear resistant handle
 Reduced labor Cost and longer life
 Comfortable grip, Does not age



| Part NO | Body Material | Blade Material | Length | Weight | Function | OEM Package |
|---------|-------------------------|----------------|----------|--------|------------|---------------------|
| FKS-1 | High carbon alloy steel | CR12, HRC58-60 | 140x70mm | 85g | Cut Kevlar | Laser Mark, OEM box |

Kevlar scissor: FKS-2

Serrated Shear Design
 Blade rust prevention
 Anti Slip and wear resistant handle
 Reduced labor Cost and longer life
 Comfortable grip, Does not age



| Part NO | Body Material | Blade Material | Length | Weight | Function | OEM Package |
|---------|-------------------------|----------------|----------|--------|------------|---------------------|
| FKS-2 | High carbon alloy steel | CR12, HRC58-60 | 140x70mm | 85g | Cut Kevlar | Laser Mark, OEM box |

Kevlar scissor: KF-150

Serrated Shear Design
 Blade rust prevention
 Anti Slip and wear resistant handle
 Reduced labor Cost and longer life
 Comfortable grip, Does not age



| Part NO | Body Material | Blade Material | Length | Weight | Function | OEM Package |
|---------|-------------------------|----------------|----------|--------|------------|---------------------|
| KF-150 | High carbon alloy steel | CR12, HRC58-60 | 160x60mm | 94g | Cut Kevlar | Laser Mark, OEM box |



Indoor Fiber cable stripper

Indoor Fiber cable Longitudinal stripper: FCS-4

Fiber optic cable jacket stripper is an efficient and indispensable tool for fiber optic cable termination. It easily to Peel the PVC/LSZH cable jacket into two halves before crimping,

Open structure with 4 different size guide grooves, 8 sharp blades



| Part NO | Tool size(mm) | Weight | Cable can be processed |
|---------|---------------|--------|---|
| FCS-4 | 50*40*20 | 33g | a.(Ø1.5~Ø1.9mm); b.(Ø2.0~Ø2.4mm); c.(Ø2.5~Ø2.9mm); d.(Ø3.0~Ø3.3mm) |

Indoor Fiber cable Longitudinal stripper: PBS-6

Fiber optic cable jacket stripper is an efficient and indispensable tool for fiber optic cable termination. It easily to Peel the PVC/LSZH cable jacket into two halves before crimping,

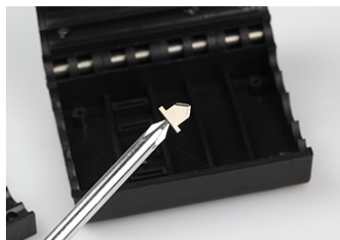
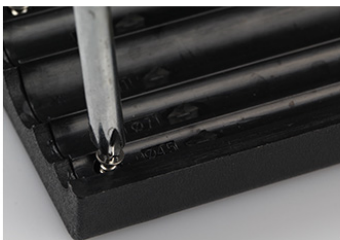
Open structure with five different size guide grooves, 10 sharp blades

In both field and plant applications, time is saved and consistency is resulted with this precise and innovative tool.

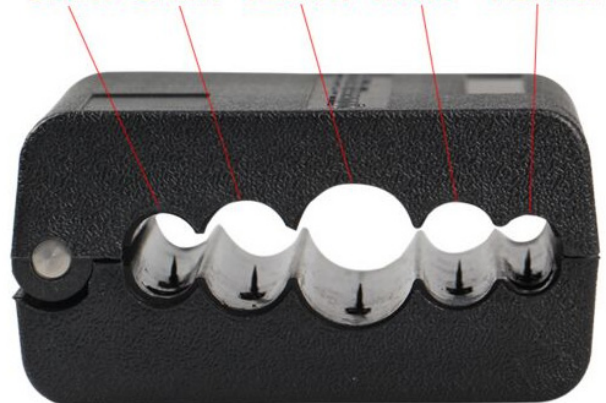


Loosen the screw

Remove the blade



6mm 8mm 11mm 7mm 4.5mm



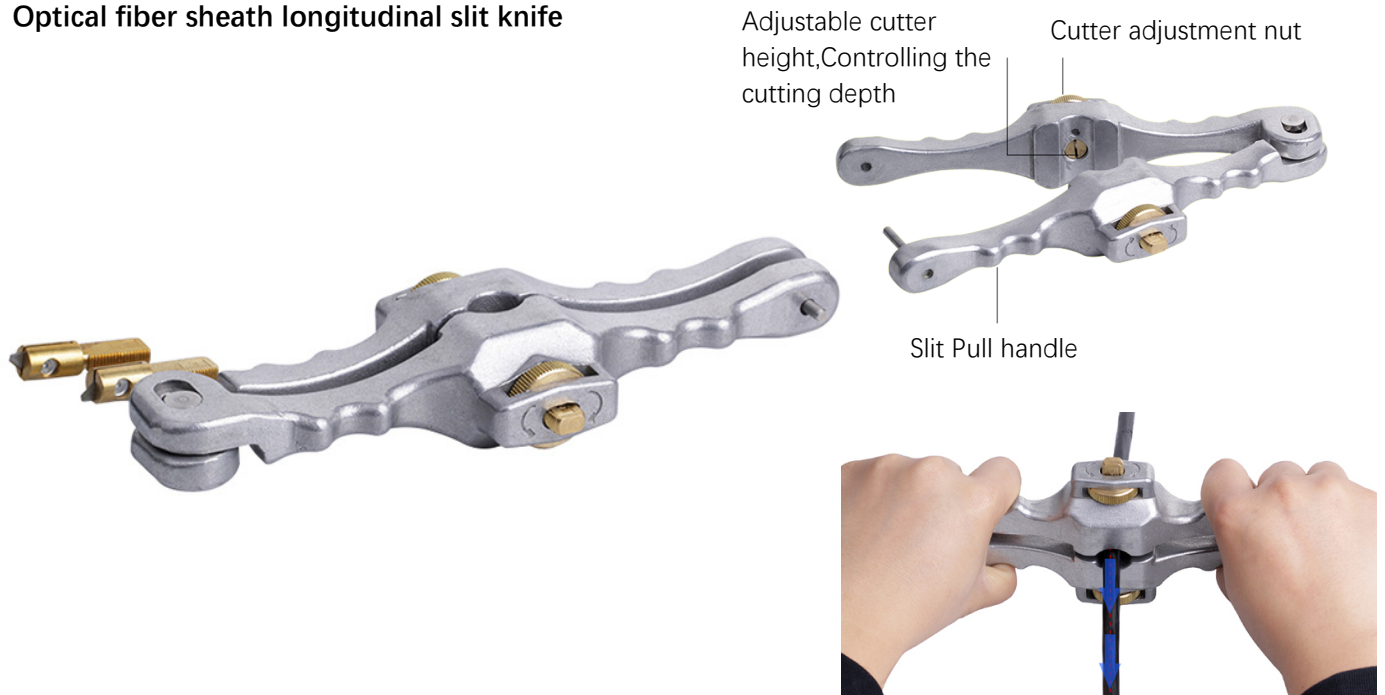
| Part NO | Tool size(mm) | Weight | Cable can be processed |
|---------|---------------|--------|---|
| PBS-6 | 55*45*35 | 35g | a.(4.5MM); b.(6mm); c.(7mm); d.(8mm) E.(11mm) |

Optical fiber sheath transverse opening knife



| Part NO | Tool size(mm) | Body Material | Blade Material | Weight | Cable can be processed |
|----------|---------------|----------------|---------------------|--------|---|
| LY-131-1 | 48*35 | Aluminum alloy | SKSII Special steel | 88g | Horizontal Open Fiber Cable sheath/Copper tube/Aluminum tube OD 3-16mm |
| TC-105C | 130*55 | Aluminum alloy | SKSII Special steel | 222g | Horizontal Open Fiber Cable sheath/Copper tube/Aluminum tube OD 4-32mm |
| TC-106C | 184*55 | Aluminum alloy | SKSII Special steel | 388g | Horizontal Open Fiber Cable sheath/Copper tube/Aluminum tube OD 5-50mm |

Optical fiber sheath longitudinal slit knife



| Part NO | Tool size(mm) | Body Material | Blade Material | Weight | Cable can be processed |
|---------|---------------|----------------|----------------|--------|--|
| SI-01 | 210*90 | Aluminum alloy | Special steel | 500g | Longitudinal Open Fiber Cable sheath OD 10-25mm |



Optical fiber sheath longitudinal slit knife

Optical fiber sheath longitudinal slit knife



Sharp blade slit the cable sheath easily.



Blade



Package&Accessories

| Part NO | Tool size(mm) | Blade Material | Weight | Cable can be processed |
|---------|---------------|----------------|--------|---|
| KMS-K | 192*45 | Special steel | 215g | Longitudinal Open Fiber Cable OD Big than 25mm |

Optical fiber sheath longitudinal slit knife



Sharp blade slit the cable sheath easily.

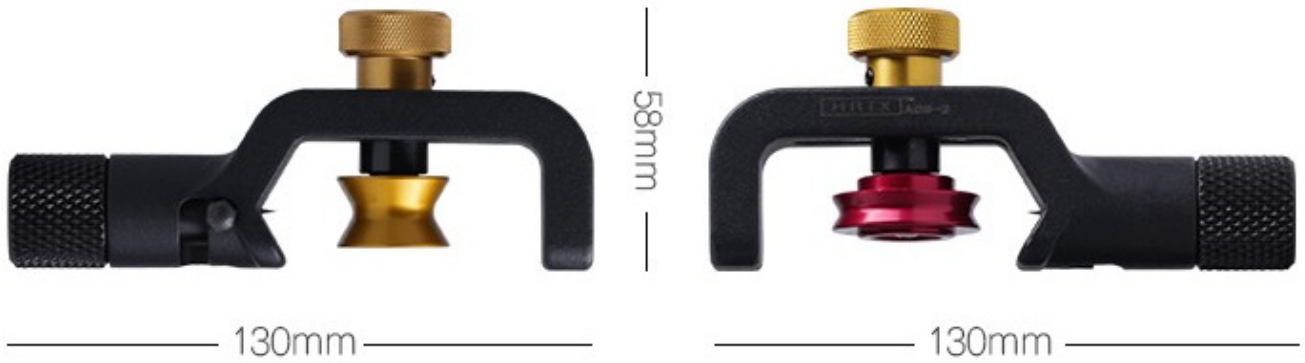


| Part NO | Tool size(mm) | Blade Material | Weight | Cable can be processed |
|---------|---------------|----------------|--------|---|
| PG-5 | 208*44 | Special steel | 205g | Longitudinal Open Fiber Cable OD Big than 25mm |



Armored Fiber cable Horizontal and longitudinal stripper

Armored Fiber cable Horizontal and longitudinal stripper



| Part NO | Tool size(mm) | Body Material | Blade Material | Weight | Cable can be processed |
|---------|---------------|----------------|---------------------|--------|--|
| ACS-1 | 130*58 | Aluminum alloy | SKSII Special steel | 285g | Horizontal and longitudinal Open Armored Fiber Cable sheath/Copper tube/Aluminum tube |
| ACS-2 | 130*58 | Aluminum alloy | SKSII Special steel | 285g | Horizontal and longitudinal Open Fiber Cable sheath/Copper tube/Aluminum tube |

Adjust the nut to achieve different cutting depths



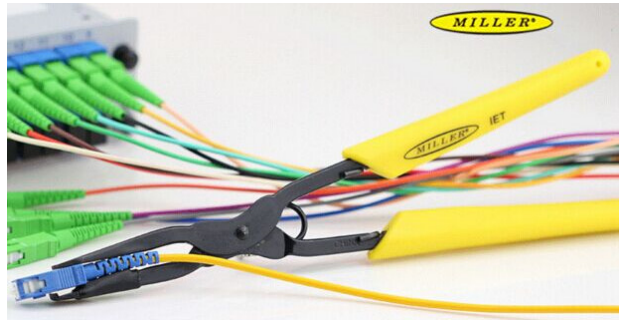
Select the blade by 90 degrees by moving the cutter bar to achieve crosscutting and longitudinal cutting

The guide wheel improves the stability of the optical cable and makes it easier for the tool to move along the cable





FO Connector Insertion-extraction Tool

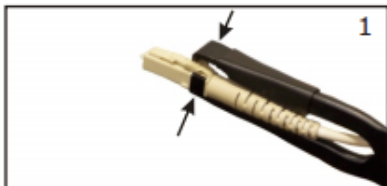


| Part NO | Tool size(mm) | Body Material | Weight | Function |
|---------|---------------|-------------------|--------|---|
| IET-100 | 226*78 | High-carbon steel | 98g | Inserts and extracts for FO connector in High density Patch panel |

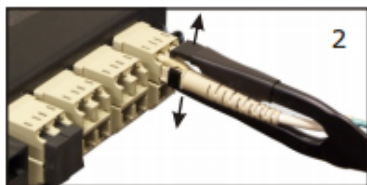
Feature

- Easily Inserts and extracts for FO connector in High density Patch panel
- Works with SC/LC,MU, MTRJ
- Tool Tip Design insure positive gripping without slipping
- Ergonomic Grips
- Left and right hand operation

Insertion Instructions



1. Position connector in tool. Depress the connector lock tab with the bended tool tip.



2. Locate connector on panel and squeeze tool handles to disengage tool tips.

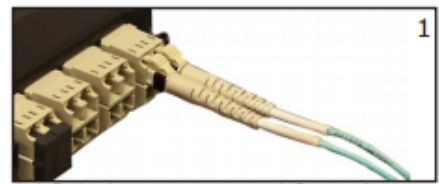


3. Grasp connector body with tool tips and gently push to ensure lock tab is engaged.



4. LC simplex connector on LC panel

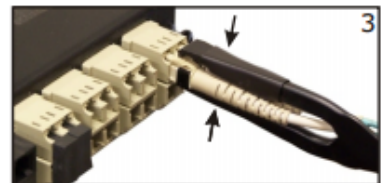
Extraction Instructions



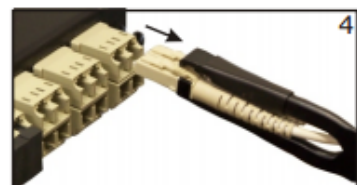
1. LC duplex connector on LC panel



2. Squeeze tool handles and position bended tool tip at connector lock tabs.



3. Release tool handle and disengage connector lock tabs from panel.



4. Extract connector.