

# In-Line Outdoor Fiber Optic Splice Enclosure >

The Molex In-Line type outdoor fiber optic splice enclosure is used for optical fiber cable splicing and protection in outdoor environments with wide capability range from 12 to 120 fibers with IP65 protection.



WFR-00075



WFR-00076

## FEATURES AND ADVANTAGES

Wide capability range 12-120 fibers

Various choice based on fiber counts

IP65 protection

Compact size

High reliable

Wall mount or aerial hanger

RoHS compliant

## SPECIFICATIONS

### Mechanical

#### Material:

High impact resistance PP with anti-UV

#### Insulation resistance:

$\geq 2 \times 10^4 \text{ M}\Omega / 500\text{V (DC)}$

#### Voltage resistance:

$\geq 15000\text{V (DC) / 1min}$

#### Stretching:

$> 600\text{N}$  axial tension

#### Pressure:

$> 1500\text{N} / 100\text{mm}$

**Impact:** 16Nm, 3 times

#### Bending tension:

150N,  $\pm 45^\circ$  for 10 cycles

**Working temperature:**  $-40^\circ\text{C} \pm 65^\circ\text{C}$

#### Storage and transportation

**temperature:**  $-25^\circ\text{C} \sim 65^\circ\text{C}$

**Relative humidity:**  $\leq 85\%$  ( +  $30^\circ\text{C}$  )

**Atmospheric pressure:** 70 ~ 106kPa

Part Number	Entrance Hole	Trays	Max Fiber Cores	Dimensions (mm)	Weight (kg)
WFR-00075	2 in/2 out	4	48	390x300x440	1.5
WFR-00076	2 in/2 out	6	144	467x180x121	2.7

[www.molexces.com/products/fiber](http://www.molexces.com/products/fiber)

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## ACCESSORY LISTING

WFR-00075	Specification	Unit	Quantity
Mounting plate	Use: CH009-02	PCS	1
Hook	Use: CH001	PCS	2
Round head screw	4*30/ iron/bright grid	PCS	2
Fiber optic heat-shrinkable sleeve	60mm*3.0*1.5	PCS	48
Nylon cable tie	3 mm * 80 mm/white	PCS	5
PE self-sealing tape	10cm*12cm	PCS	1
Insulating tape	0.15*17mm*5 size/black	PCS	1
Plastic expansion tube	Ø6mm/ plastic/white	PCS	2

WFR-00076	Specification	Unit	Quantity
Hose hoops	13-19/ stainless steel/openings	PCS	4
Mounting plate	Use: CH009-02	PCS	1
Hook	Use: CH001	PCS	2
Flat mat	Ø16*Ø8*1.2mm/ iron/galvanized	PCS	12
Flat mat	Ø10*Ø5*1mm/ iron/galvanized	PCS	2
Round head screw	M5*30/ iron/bright grid	PCS	2
Round head screw	M4*20/ iron/bright grid	PCS	2
Since the adhesive tape	15 mm * 2 mm * 950 mm/black	PCS	1
Fiber optic heat-shrinkable sleeve	60mm*2.6*1.2	PCS	144
Nylon cable tie	3 mm * 120 mm/white	PCS	4
Hexagonal nut	M5/ iron/bright grid	PCS	2
Hexagonal nut	M4/ iron/bright grid	PCS	2
PE self-sealing tape	13cm*13cm	PCS	1
PE self-sealing tape	7CM* 8.5cm	PCS	1
Hexagon wrench	S6 / black	PCS	1

## ORDERING INFORMATION

Order No.	SAP No.	Description
WFR-00075	180970161	48 Fiber In-Line Outdoor Fiber Optic Splice Enclosure
WFR-00076	180970162	144 Fiber In-Line Outdoor Fiber Optic Splice Enclosure

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