

Dome Outdoor Fiber Optic Splice Enclosure

molex

Molex CES dome type outdoor fiber optic splice enclosure, used for optical fiber cable splicing and protection in outdoor environment with wide capability range from 48 to 576 fibers and IP68 protection.



Features and Advantages

Wide capability range 48-576 fibers

Various choice based on fiber counts

IP68 protection

Compact size

High reliability

Wall mount, aerial hanger or pole hold

ROHS compliant

Specifications

REFERENCE INFORMATION

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: $>1500\text{N/100mm}$
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°C)
Atmospheric pressure: 70 ~ 106kPa

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Part Number	Entrance Hole	Trays	Max Fiber Cores	Dimension(mm)
WFR-00073	3 round,1 oval	5	120	Ø 168 × 434.5
WFR-00074	4 round,1 oval	6	144	Ø 182.5 × 509.1
WFR-00077	6 round,1 oval	12	288	Ø 228 × 527.5
WFR-00078	3 round,1 oval	4	48	Ø 146 × 300.5
WFR-00079	6 round,1 oval	48	576	Ø 228 × 527.5

Accessory Listing

WFR-00073	Specification	Unit	Quantity
Cable Tie	L=120mm	Pcs	10
Insulating Tape	0.15*17MM*8	Roll	1
Plastic Tube White	Ø5*0.6mm	Meter	0.8
Heat Shrink Tube Black	Ø30*100mm	Pcs	4
Heat Shrink Tube Black	Ø60*150mm	Pcs	1
Branch Kit	S SIZE	Pcs	1
Aluminum Foil Paper With Gum	15cm*10cm	Pcs	1
Pole Mounted Accessories	Stainless	Set	1
Splice Protector 120	Plastic	Pcs	120

WFR-00074	Specification	Unit	Quantity
Cable Tie	L=120mm	Pcs	10
Insulating Tape	0.15*17mm*8	Roll	1
Plastic Tube White	Ø5*0.6mm	Meter	0.8
Heat Shrink Tube Black	Ø30*100mm	Pcs	6
Heat Shrink Tube Black	Ø60*150mm	Pcs	1
Branch Kit	S Size	Pcs	1
Aluminum Foil Paper With Gum	15cm*10cm	Pcs	1
Pole Mounted Accessories	Stainless	Set	1
Splice Protector 120	Plastic	Pcs	144

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Accessory Listing

WFR-00077	Specification	Unit	Quantity
Cable Tie	L=120mm	Pcs	10
Insulating Tape	0.15*17mm*8	Roll	1
Plastic Tube White	Ø5*0.6mm	Meter	0.8
Heat Shrink Tube Black	Ø30*100mm	Pcs	6
Heat Shrink Tube Black	Ø60*150mm	Pcs	1
Branch Kit	S Size	Pcs	1
Aluminum Foil Paper With Gum	15cm*10cm	Pcs	1
Pole Mounted Accessories	Stainless	Set	1
Splice Protector	Plastic	Pcs	288

WFR-00078	Specification	Unit	Quantity
Cable Tie	L=120mm	Pcs	10
Insulating Tape	0.15*17mm*8	Roll	1
Plastic Tube White	Ø5*0.6mm	Meter	0.8
Heat Shrink Tube Black	Ø30*100mm	Pcs	4
Heat Shrink Tube Black	Ø60*150mm	Pcs	1
Branch Kit	S Size	Pcs	1
Aluminum Foil Paper With Gum	15cm*10cm	Pcs	1
Pole Mounted Accessories	Stainless	Set	1
Splice Protector	Plastic	Pcs	48

WFR-00079	Specification	Unit	Quantity
Cable Tie	L=120mm	Pcs	10
Insulating Tape	0.15*17mm*8	Roll	1
Plastic Tube White	Ø5*0.6mm	Meter	0.8
Heat Shrink Tube Black	Ø30*100mm	Pcs	6
Heat Shrink Tube Black	Ø60*150mm	Pcs	1
Branch Kit	S Size	Pcs	1
Aluminum Foil Paper With Gum	15cm*10cm	Pcs	1
Pole Mounted Accessories	Stainless	Set	1
Splice Protector	Plastic	Pcs	576

Ordering Information

Order No.	SAP No.	Description
WFR-00073	180970159	120 Fiber Dome Outdoor Fiber Optic Splice Enclosure
WFR-00074	180970160	144 Fiber Dome Outdoor Fiber Optic Splice Enclosure
WFR-00077	180970163	288 Fiber Dome Outdoor Fiber Optic Splice Enclosure
WFR-00078	180970164	48 Fiber Dome Outdoor Fiber Optic Splice Enclosure
WFR-00079	180970166	576 Fiber Dome Outdoor Fiber Optic Splice Enclosure

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