

## MECHANICAL DOME ENCLOSURE - OC-DO02



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NEXCONEC Dome closure is the best designed and innovative solution for fiber cabling installation. It adopts fully-mechanical sealing structure for good sealing performance of fiber cable over 144 fibers. The different sizes of cable entrances provide the great flexibility for cables installation.

### FEATURES AND APPLICATIONS

- ✓ Up to 144 cores capacity
- ✓ Mechanical Sealing of cables entries
- ✓ Airproofing performance IP68
- ✓ Insulation Resistance
- ✓ Voltage Resistance up to 15kVDC

## SPECIFICATIONS

Parameters	Value
Dimensions (HxD)	450 x 230 mm
Weight (Kg)	4.20-4.80 Kg
Material	PP+GF
Max. Capacity (Fibers)	144
Maximum Number of Splice Trays	6
Capacity of Splice Tray	Max 24 single Fusion splices
Cable Entrances	5
Suitable Fiber Cable OD	Small port : $\Phi 5$ - $\Phi 7$ , 4ports Elliptique port : $\Phi 10$ - $\Phi 17.5$ , 1port
Sealing Structure	Mechanical
Sealing Rating	IP68
Operating Temperature	-40°C ~ +55°C
Impact Strength	16 N.m / IK09

## MAIN COMPONENTS

Item No.	Description	Quantity	Marks
1	Cover	1 piece	Height x Diameter(mm): 450x $\Phi$ 230
2	Fiber splice tray		QTY to be based on the fiber count of enclosure.
3	Base	1 set	Fixing internal part
4	Plastic hoop	1 set	Fixing bottom and cover
5	Seal fitting	1 piece	Waterproof and sealing part
6	Plastic tray holder	1 set	Fixing the splice tray and storing non-cut cable

## ACCESSORIES

Item No.	Description	Quantity	Application
7	Fiber Splice Protective Tube	Core no.	Fiber fusion and protection
8	Nylon tie	Tray no.×3	Fixing fiber with protective coat
9	Pole hoop	1 set	Fixing for closure on pole
10	Labeling paper	1 piece	Fiber number mark
11	Insulating tape	1 piece	The fixing part assistant
12	EVA transparent hose	1 m	Protect fiber

## ORDER INFORMATION

Part Number	Description
<b>OC-DO02-24</b>	FO Dome Enclosure 24FO MEC
<b>OC-DO02-48</b>	FO Dome Enclosure 48FO MEC
<b>OC-DO02-72</b>	FO Dome Enclosure 72FO MEC
<b>OC-DO02-96</b>	FO Dome Enclosure 96FO MEC
<b>OC-DO02-144</b>	FO Dome Enclosure 144FO MEC