

#### **FO Mechanical Closure for 48 Fibers**

## Scope of supply:

- Mechanical Splice closure fully assembled
- splice trays with cover
- Splitter trays with Cover
- Splice protectors
- Mechanical sealing kit for round port
- Mechanical sealing kits for oval ports
- Accessories and installation manual

(Photo is just for reference)

## **Features**

- Environmental protection IP68 and ergonomically design
- Integrated storage basket for uncut or expressed loose tubes
- Hinged splice & splitter trays for access to any splice during and after installation
- Enough space for cable bend radius as per international standard
- Ready to install (including splice protectors and Mechanical sealing for cable entries)
- Grounding kit included along with valve (GV)

#### **Technical Data**

Criteria		Mechanical Dome Closure		
Splice capacity		48		
Number of splice trays		4		
Number of splices per tray		12		
Cable entry ports	round Oval	4 1		
Cable diameter [mm]		8 up to 20		
Cable entry sealing	valve Grounding	yes yes		
Dimension [mm]	Height Ø dome clamp	550 225		
Material	Closure Splice trays	Polypropylene PC/ABS		
Weight [kgs]	packed unpacked	5.0 3.2		
Ingress protection rating		IP 68 (5m / 7 days)		
Aggressive media (5 days)	pH 12 pH 2 Kerosene Petroleum jelly Fuel oil	Passed Passed Passed Passed Passed		



# Datasheet

## **Mechanical Data**

Criteria		Parameters	Standard
Drop and topple test	Drop height [m]	2	
	Number of drops	5	
	Steel base thickness [cm]	25	
Gas (air) tightness	Internal pressure [kgs/cm²)	1.5	
	Allowed change [kgs/cm <sup>2</sup> )	0.05	
	Temperature [°C]	25	
	Duration [h]	24	
Axial tension	Longitudinal on cables [kgs]	50	
	Duration [min]	30	
Impact	Temperature [°C]	25	
·	Striking force [kgs]	5.0	
	Drop height [mm]	500	
	Radius spherical weight [mm]	50	
	Number of impacts	3	
Static load	Static load [kgs]	250	
	Duration [h]	24	
Torsion	Internal pressure [kgs/cm²)	0.5	
	Temperature [°C]	25	
	Torque [Nm]	10 x D (max. 50)	
	Distance from entry point [mm]	250	
	Rotation	90°	
	Holding time [min]	5	
	Number of cycles	5	
Flexure	Test pressure [kgs/cm²)	0.5	
	Force [N]	500 (max.)	
	Bending	30°	
	Number of cycles	5	
	Duration [min]	5	

## Part Numbers P/N

P/N	Description	P/N	Description
R221674	Mech SJ 48F V2/4,W GND,V		

