



### FO Mechanical Closure 24F

#### 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

(Photos 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 with valve (GV)

#### Technical Data

Criteria		Mechanical Dome Closure
Splice capacity		24
Number of splice trays		2
Number of splices per tray		12
Cable entry ports	round	4
	Oval	1
Cable diameter [mm]		8 up to 20
Cable entry sealing	valve	yes
	Grounding	yes
Dimension [mm]	Height	550
	Ø dome clamp	225
Material	Closure	Polypropylene
	Splice trays	PC/ABS
Weight [kgs]	packed	5.0
	unpacked	3.2
Ingress protection rating		IP 68 (5m / 7 days)
Aggressive media (5 days)	pH 12	Passed
	pH 2	Passed
	Kerosene	Passed
	Petroleum jelly	Passed
	Fuel oil	Passed

# FIBER-OPTIC MECHANICAL CLOSURE

## Datasheet

R221639

### 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/cm <sup>2</sup> ]	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 [mm]	Internal pressure [kgs/cm <sup>2</sup> ]	0.5	
	Temperature [°C]	25	
	Torque [Nm]	10 x D (max. 50)	
	Distance from entry point	250	
		90°	
	Rotation	5	
	Holding time [min]	5	
Number of cycles			
Flexure	Test pressure [kgs/cm <sup>2</sup> ]	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
R221639	Mechanical Dome Closure -24F		