



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

FIBER-OPTIC MECHANICAL CLOSURE 48F

Datasheet

R221674

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 ²]	1.5
	Allowed change [kgs/cm ²]	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/cm ²]	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/cm ²]	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		