

Mufa Fibra Óptica
Plana 96 Fibras
Modelo SIS-3115



Descripción General

Producto orientado a proteger puntos de fusión en Redes de Planta Externa, facilitando la prolongación y derivación de cables de fibra ópticas troncales y de bajada (drop) en redes industriales, de planta externa pura y FTTH. Con acceso mediante apertura de plano medio, permite fácil acceso para efectos de ampliación e inspección. Su diseño de cierre central mediante sello, permite prevenir el ingreso de humedad y aire al interior de la cavidad contenedora de las fibras.

Producto fácil de instalar y con alta capacidad a los esfuerzos mecánicos y a condiciones climáticas hostiles.

Items	403A-SS	403A-SD	403A-DD
Size(mm)	435 x 205 x 113	435 x 205 x 167	435 x 205 x 221
Weight(kg)	2.8kg	3.8kg	4.8kg
Inlet ports	4 ports	8 ports	12 ports
Cable dia(mm)	Ø6 ~ 22Ø	Ø6 ~ 22Ø	Ø6 ~ 22Ø
No. of splice tray	4	6	8
Tray capacity	24F up to 48F	24F up to 48F	24F up to 48F
Splice capacity	96F up to 192F	96F up to 192F	96F up to 192F
Splicing method	Fusion		
Splice protector	Heat shrinkable sleeve		
Tension member	Galvanized steel wire, FRP, Wire		



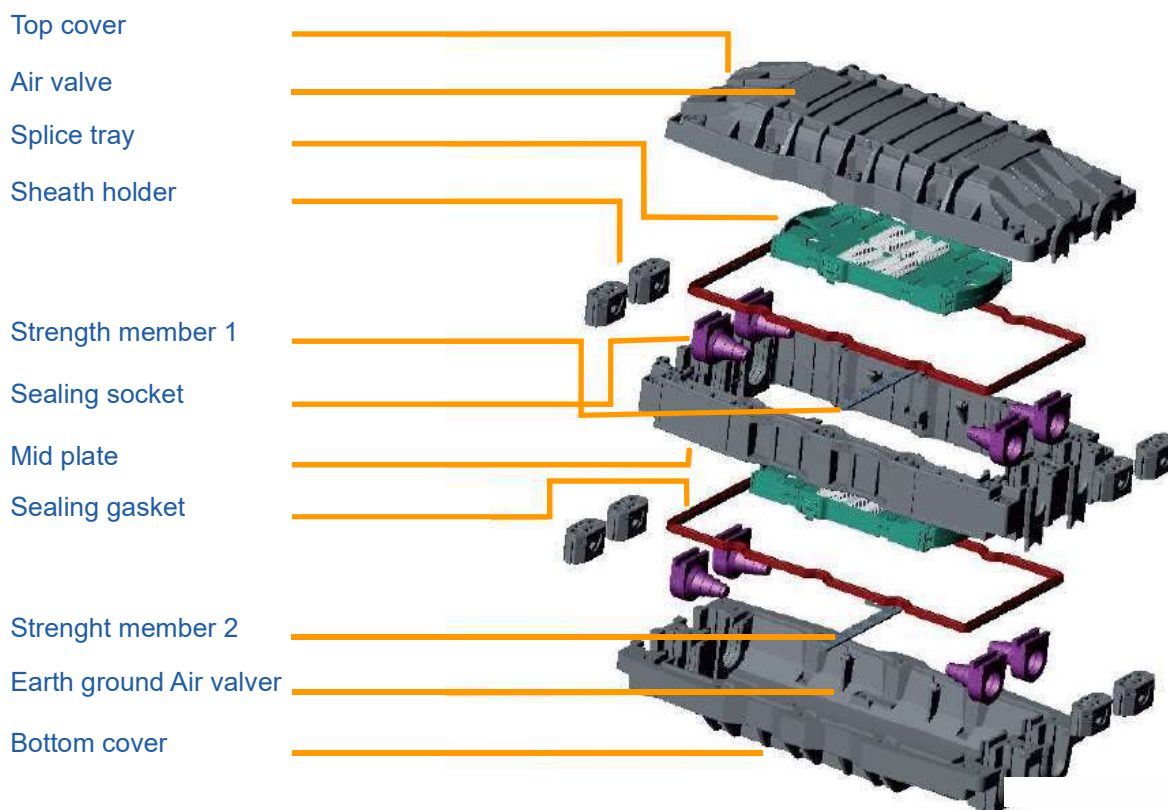
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Configuration

- ✓ The closure has an air valve on its cover for checking air pressure drop.
- ✓ The ribbed body has high mechanical strength against impact and compression.
- ✓ The closure has 2 inlet ports on each side and increase the number of port up to 12 ports by inserting Mid plate.
- ✓ The 24F splice tray is applicable for both loose tube and ribbon fiber management.
- ✓ The OSP cable clamping is done by tension member gripper for clamping cable's central strength member and also by the sheath holder and adapter fitting each cable diameter for clamping cable sheath.
- ✓ The LAP ground connector and wire are offered for grounding metallic OSP cables.
- ✓ One flat type gasket and the external screw bolts provides excellent tightness reliability.
- ✓ Corn type sealing socket is adjustable to fit any diameter cable.
- ✓ The closure can be installed in aerial and manhole with provided hangers.

Fiber Optic Closure



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Mechanical Characteristics

Item	Test Condition	Requeriments
Cable clamping	• Measure the loss after 3 fiber splicing. • Assemble the closure • Measure and compare the loss variation	No greater than +- 0.05dB
Sheath Retention	• Mount the closure in a fixture and mea sure the initial loss • Apply an axial load of D/45*100kg • After 8hours compare the loss.	No mechanical damage
Cable Flexing	• Inner pressure: 6PSI • Attach a 10kg weight to the cable 1m from the closure • Lower the cable 90°for 15min. • Repeat the procedure while rotating the closure 90°- 720°	No mechanical damage No greater than 1PSI
Cable Torsion	• Mount the closure and condition the assembly at -20±2°C for 2 hours. • Inner pressure: 6PSI • Twist the cable at D*10mm point • Cycle; CW90°-> CCW180°->CW90° • Repeat 10cycles. • Repeat the above procedure at 40±2°C	No mechanical damage No greater than 1PSI
Vertical Drop	• Condition the closure at -20±2°C for 2 hrs • Drop the closure onto a 1/2inch thick concrete floor from 75cm height.	No mechanical damage No greater than 1PSI
Compression	• Condition the closure at -20±2°C for 2 hr. • Measure the diameter or vertical dimension. • Apply a weight of 90kg on 5cm2 area for 15 minutes • Unload a weight and measure the dim. • Repeat the above procedure at 40±2°C.	No mechanical damage No greater than 1PSI
Impact	• Condition the closure at -20±2°C. for 2 hr. • Impact a closure using a drop-tube from 1m • Impact level: 2.4kg, & 2.54cm	No mechanical damage No greater than 1PSI
Vibration	• Inner pressure: 6PSI • Measure the loss after 2 fiber splicing. • Amplitude : 1.0mm(peak to peak) • Frequency : 10~55Hz • Direction : X,Y(2 hours at each direction)	No greater than +-1.0dB(on test) No greater than +-0.1dB (after test) No mechanical damage No greater than 1PSI

