

Specifications

Characteristics	Value/Performance	Methods and Conditions
Mechanical		
Air Tightness	No air bubble seen	Put closure under water for 15min with closure's internal air pressure set at 100kPa±5kPa.
	Remains 100kPa±5kPa	Measure the internal pressure 24 hours later
Air Tightness after re-installation	No air bubble seen and pressure remains unchanged	Do re-entry and re-installation 3 times and repeat above Air Tightness Tests.
Axial Pulling	Pressure remains unchanged	Pulling force: 1000N Time: 1min Internal air pressure: 60kPa±5kPa
Compression	Pressure remains unchanged	Applied pressure: 2000N/100mm Time: 1min Internal air pressure: 60kPa±5kPa
Impact	Pressure remains unchanged	Impact energy: 16N.m No. of impacts: 3 Internal air pressure: 60±5kPa
Bending	Pressure remains unchanged	Bending angle±45°(in two opposite directions) Tension: 150N No. of bending: 10 Internal air pressure: 60kPa±5kPa
Twisting	Pressure remains unchanged	Twisting angle: ±90° Torque: 50N No. of twisting: 10 Internal air pressure: 60kPa±5kPa
Thermal		
Temperature Cycling	Pressure drop 5kPa	Cycling range: -40 ~ +60°C Cycling time: 2hrs at -40°C, then 2hrs at +60°C No. of cycling: 3 Internal air pressure: 60kPa±5kPa
Electrical		
Insulation	Resistance between metal parts: 2.0x105M	Soak closure into water in 1.5m-depth for 24hrs, and measure the insulation resistance after taking it out of water.
	Resistance between each metal part and ground: 2.0x105M	
High Voltage	No voltage break-downs and sparks	Soak closure into water in 1.5m-depth for 24hrs, then apply 15kV DC to the metal parts inside

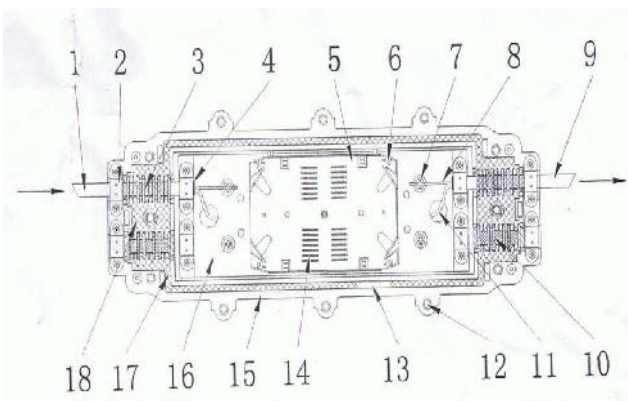
Classification

Item	GE-FC2	GE-FC4	GE-FC6	GE-FC8
Size (L*W*H)	460x180x120mm	435*205*113mm	435*205*167mm	435*205*221mm
Weight (kg)	2	2.8	3.8	4.8
Inlet ports(Max)	4	4	8	12
Cable Dia. (mm)	8~ 20	5~ 20	5~ 20	3~ 20
No. of splice tray	4	4	6	8
Tray capacity	12F	12F & 24F	12F & 24F	12 & 24F
Splice capacity	48F	48F - Max. 96F	144F	192F - Max. 288F

Reference

GTE in-line fiber splice closures are compliant with IEC 1073-1 and YD/T814.1. The closures are made of tough anti-corrosive Polycarbonate that makes the closures ideal for aerial, cable duct, direct burial and well applications.

Telcordia GR-771-core Generic Requirements for Fiber Optic Splice Closures&DIN 4102 B2



Part List:

(1) Inlet cable	(10) Plug
(2) Cable clamp	(11) Grounding wire
(3) Gasket tape	(12) Stainless steel screw
(4) Insulation tape	(13) Seal groove
(5) Splice tray	(14) Splice protection sleeve Holder
(6) Cable tie	(15) Closure body
(7) Cable strengthening member connect	(16) Body frame
(8) Cable strengthening member	(17) Gasket
(9) Outlet cable	(18) Sealed Area