

Generic Splice Closure for max. 144 Fibers

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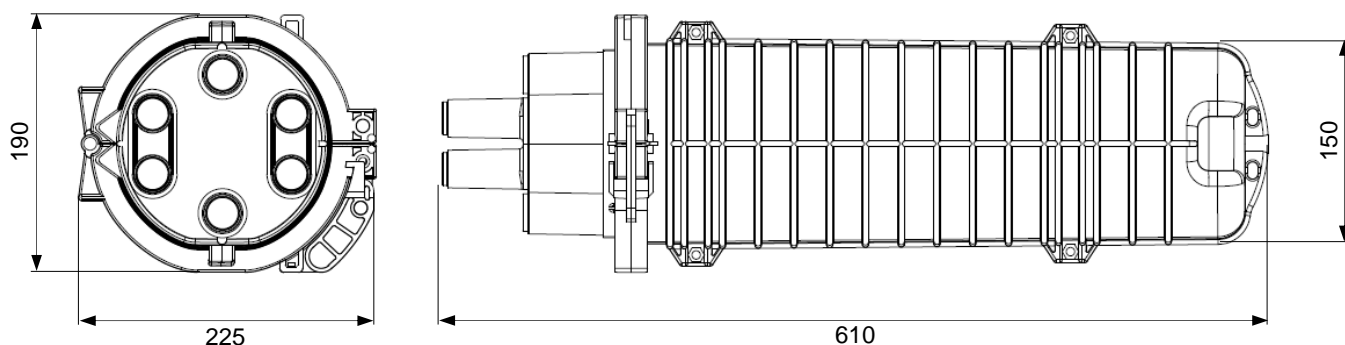


- Environmental protection IP68
- Ergonomically designed
- Ready to install (including splice protectors and heat shrinks for cable entries)
- Integrated storage basket for uncut or expressed loose tubes
- hinged splice trays for access to any splice during and after installation
- Enough space for cable bend radius as per international standard
- Optional with grounding kit and valve

Technical Data

Criteria	GSC-D20/50-N-LT/6	GSC-D20/50-GV-LT/6
max. splice capacity	144	144
number of splice trays	6	6
max. number of splices per tray	24	24
number of ports	round 6 oval 2	round 6 oval 2
cable diameter	Ø 8 – 25mm	Ø 8 – 25mm
cable entry sealing	heats shrink sleeves	heats shrink sleeves
options		
with valve	no	yes
with grounding	no	yes
material		
closure body	Polypropylene	Polypropylene
splice trays	ABS	ABS
weight		
packed	4.2kg	4.2kg
unpacked	3.0kg	3.0kg
protection class	IP68 (5m)	IP68 (5m)

Dimensions



Scope of Delivery

- dome splice closure fully assembled
- 6 splice trays with cover for up to 24 splices
- 150 splice protectors (heat shrink)
- 1 cable sealing kit for oval port
- 4 cable sealing kit for round ports
- all necessary installation materials

Criteria	Requirements test setup		
Environmental protection IP6x (solid particle protection)	Dust chamber under vacuum	8h	IEC/EN 60529
Environmental protection IPx8 (5m) (liquid ingress protection)	Immersion beyond Duration	5m 7d	IEC/EN 60529
Gas (Air) tightness	Internal pressure	1.5kg/cm ²	
	Allowed pressure change	0.05kg/cm ²	
	Temperature	ambient	
	Duration	24h	
Axial tension	Tension applied longitudinally on cables	50kg	
	Duration	30min	
Torsion	Torque	10 x D [Nm], (max 50Nm)	
	Internal Pressure:	0.5kg/cm ²	
	Distance from Entry Port	250mm	
	Rotation	90°	
	Temperature	ambient	
	Number of cycles	5	
	Holding time	5min	
Flexure	Test Pressure	0.5kg/cm ²	
	Force	max. 500N	
	Bending	30°	
	Number of cycle	5	
	Duration	5min	
Impact	Striking force	5kg	
	Dropping height	500mm	
	Radius of spherical weight	50mm	
	Number of impacts	3 impacts	
Static load	Static load	250kg	
	Duration	24h	
Water ingress	Immersion	2m (water head)	
	Temperature	ambient	
	Duration	7d	
Aggressive media	pH 12	5d	
	pH 2	5d	
	Kerosine	5d	
	Petroleum jelly	5d	
	Fuel oil	5d	
Drop and topple test	Drop height	2m	
	Number of drops	5	
	Base	25cm thick steel bed	