

Specs and Techs: 900R Access Chamber

Description:

The axS 900R is a modular composite solution offering the network builder unsurpassed flexibility, performance and economy. The Chamber section is an assembly of multiple layers of quarter segments (see height options).

Features and Benefits:

- axSCHAMBERS™ are available with RAMACTM Smart Monitoring Technology options
- Interoperable with our selection of CNKT Fibre Splice Closure Range of Products
- Modern composite design ensures high strength / low weight for installation cost savings.
- Ideal for high fibre traffic installations – up to 4 × 144 Fibre Closures.
- Splittable porting panels uniquely allow retrofitting to existing networks or new builds alike.
- Easy assembly with basic hand tools only.
- Unique multi-port knock-outs give industry leading interface with all Duct and Multiduct options.
- Modular design allows various depth configurations (see height options).
- DMC cover eliminates the threat of theft.
- Full range of loading options available.
- Modular knock-down design offers high packing density for transport savings.

Installation Instructions:

As with all plastic structures, installation and backfilling of these manholes/drawboxes both form an integral part of the structure. Bad/inadequate installation practice may lead to failure.

1. Bedding

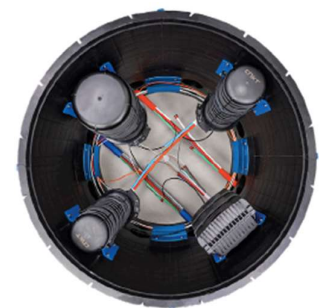
A stone free bedding (underlayer) of minimum 50mm is required. Quarry sand is suggested.

2. Backfilling

Backfilling (reinstatement) to paving level should be completed with stone free (-6mm) material. This should be layered 50 – 75mm at a time, and tamped to required compaction. Stabilisation of the backfill material with the addition of 5% cement is recommended, ensuring stability of the construction/assembly.

3. Compaction

These are small units, and mechanical tamping is not recommended.

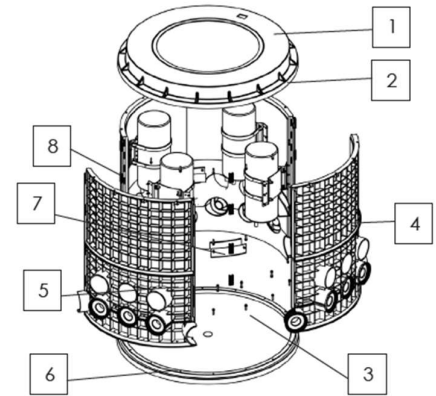


axS900R - Populated

15 March 2021



Item NO.	Description	Quantity
1	Lid (EN124 A15 / B125 / C250 / D400) / (SANS 1882 MD / HD)	1
2	Frame (EN124 A15 / B125 / C250 / D400) / (SANS 1882 MD / HD)	1
3	M6 x 50mm Stainless Steel Hex Bolt, Washers (2) and Nut M6 x 35mm Stainless Steel Hex Bolt, Washers (2) and Nut M6 Hex Nut and Washer	16 48 16
4	PP Composite Split Panels	8
5	Composite Latching Clips	16
6	DMC 900mm Base	1
7	PP Composite Slack Brackets	4
8	Dome closure brackets	1
	Loading Class As per EN124 Weight (Europe) A15 - 15kN B125 - 125kN C250 - 250kN	
	Loading class - SABS (Africa) LD - .7kN MD - 40kN HD - 135kN	
	Loading class (USA) Tier 15, 22 and HS20 Load classes	



Multiport Advantage

Duct port with 50mm and 110mm knock-out.	110mm Duct forms sand tight seal in the port.	Rubber Grommet allows sand tight seal with Multiduct.	Rubber Grommet allows sand tight transition to Microduct.
No foaming or sealing agents required for system integrity. No tools required.			

Aerial, underground, pole and wall mount, in-span and access chamber CNKT Fibre Splice Closure mount range for FTTH.

CNKT-FSC-12F Fibre Splice Closure	CNKT-FSC-96F Fibre Splice Closure	CNKT-FSC-144F Fibre Splice Closure	CNKT Splice-IT 12/24

Loading Quantities (product code)	18m Link	6m (20') Container	12m (40') Container
axs 900R 450	On request	On request	On request
axs 900R 900	64 Units (Assembled)	54 Units (Knock-Down)	108 Units (Knock-Down)
axs 900R 1350	On request	On request	On request