



axs 900R450

axs 900R900

axs 900R1350

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).

Key Features

- **Modular Chamber Design:** Quarter-segment construction allows multiple chamber depth configurations to suit project requirements.
- **High Fibre Capacity:** Accommodates up to 2 × 144-fibre or 4 × 48-fibre splice closures, depending on network configuration.
- **RAMAC™ Smart Monitoring Ready:** Available with optional RAMAC™ smart monitoring technology.
- **CNKT™ Compatible:** Designed for seamless integration with the CNKT™ fibre splice closure range.
- **Retrofit Capability:** Splitable port panels allow installation around existing cables and ducts without network disruption.
- **Multi-Port Duct Interface:** Knock-out port system provides compatibility with a wide range of duct and multiduct configurations.
- **Simple Installation:** Assembles using basic hand tools, reducing installation complexity.
- **Lightweight Composite Construction:** Composite materials reduce handling and installation effort compared with traditional chamber materials.
- **Secure DMC Cover:** Composite DMC cover has no scrap value, helping to reduce theft and vandalism.
- **Efficient Transport:** Knock-down modular design enables high packing density for reduced transport and storage costs.

Performance

- Modular composite construction provides a high strength-to-weight ratio.
- Designed to accommodate varying installation depths through modular chamber sections.
- DMC cover provides durable performance for underground infrastructure applications.
- Suitable for both new network installations and retrofit applications.

- Splitable port panels enable installation without disconnecting existing cable infrastructure.
- Modular design simplifies transport, handling and on-site assembly.
- High compressive and flexural strength.
- High impact resistance and stiffness (modulus of elasticity).
- Good fatigue resistance and low creep under sustained loads.
- Inherently resistant to corrosion, rot, moisture, absorption, freeze-thaw cycles and biological attacks.
- Inherently resistant to chemicals such as oils, fuels, dilute acids, alkalis, salts, wastewater and sewage environments.
- Electrically non-conductive, non-corrosive to metallic cable components, suitable for electrical isolation applications.
- DMC formulations can be manufactured to comply with SANS 713 Grade F and UL94.
- DMC is fire resistant.
- DMC can go to as low as -40°F [-40°C] in extreme conditions.

	axs 900R450	axs 900R	axs 900R1350
Dimensions	Ø950mmx457mm (37" x 18")	Ø950mmx1000mm (37" x 39.4")	Ø950mmx1350mm (37" x 53.2")
Weight	82Kg (181lbs)	98Kg (216 lbs)	114Kg (252lbs)
Load Class	SANS Medium Duty (42kN) EN124: B125 (12.5T) ANSI: Tier 22 (150kN)	SANS Medium Duty (42kN) EN124: B125 (12.5T) ANSI: Tier 22 (150 kN)	SANS Medium Duty (42kN) EN124: B125 (12.5T) ANSI: Tier 22 (150kN)
Branding	As per customer requirement	As per customer requirement	As per customer requirement