



QuantumINFRA Handhole, W30" x L48" x H36" (Includes Covers)



Applicable Standards

- **SCTE-77 Tier 22** – Ensures high load-bearing capacity and structural integrity for underground enclosures.
- **ANSI/SCTE 70** – Standard for enclosures used in telecommunication and broadband applications.
- **ASTM D256** – Impact resistance testing for composite materials.
- **ASTM G154** – UV resistance testing to ensure long-term durability in outdoor environments.
- **ASTM D638** – Tensile strength evaluation for composite polymer materials.
- **NEMA GR-902** – Compliance for underground enclosures used in telecom and fiber optic applications.

Product Part Number

N1510.HH3048-36BK

Product Description

The **QuantumINFRA Handhole** is an advanced underground access solution designed for fiber optic and electrical distribution systems. Engineered with innovative composite materials, it offers a **lightweight** yet robust alternative to traditional concrete manholes. Its modular design allows for knock-down delivery and easy on-site assembly, making installation faster, more efficient, and cost-effective.

Built to **SCTE-77 Tier 22 standards**, the QuantumINFRA Handhole ensures exceptional durability and load-bearing capacity, making it ideal for demanding underground infrastructure applications.

Product Features

- **Modular & Easy Assembly** : Knock-down design enables convenient shipping and on-site setup.
- **High-Strength Composite Material** : Strong yet lightweight construction for ease of handling and installation.
- **Cost-Efficient Solution** : Reduces transportation and labor costs compared to concrete alternatives.
- **Flexible Duct Access** : Easily drill custom entry points as needed, with pre-provided duct entries.
- **Superior Durability** : Resistant to harsh environmental conditions and built to meet SCTE-77 Tier 22 standards.
- **Secure Fastening System** : Features FastClip fastening for the handhole and stainless steel screws for the cover for added security.





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Material Specifications

Load Rating	SCTE-77 Tier 22 (Handhole & Cover)
Internal Size	30" x 48" (W x L)
External Size	33" x 51" (W x L)
Cover Size	26" x 39" (W x L)
Handhole Height	36"
Cover Height	3"
Handhole Weight	180 lbs
Cover Weight	66 lbs per Cover (2 Covers)
Handhole Fastening	Stainless Steel Screws
Cover Fastening	Stainless Steel Screws

Environmental Specifications

Operating Temperature Range	- 40°C to 80°C
Storage Temperature Range	- 40°C to 85°C

Ordering Information

N1510.HH3048-36BK	QuantumINFRA Handhole, Size : W30" x L48" x H36", Black (Includes covers)
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Shipping Information

Item	Dimension
Product	Width : 33in Length : 51in Height : 36in

