

Charles Multi-Purpose Housings (CMPH) 7500 Series

A proven, versatile enclosure designed to environmentally protect copper, fiber and CATV equipment

The Charles Multi-Purpose Housing (CMPH) 7500 Series is widely deployed across wireline and wireless service providers, cable television operators and utility companies. The enclosure is designed for new provisioning installations as well as rehabilitation of existing access enclosures. The CMPH's superior structural strength, outstanding environmental protection and ease of installation combine to create a long-life housing that reduces operational expenses.

The CMPH 7500 has proven itself as a versatile workhorse within the CMPH enclosure family, deployed in a wide variety of applications and customer networks.



Applications

- Large pair count copper splice locations
- Storage of sealed fiber splice closures and fiber cable slack
- Hybrid copper and fiber configuration with integrated fiber terminations and fiber splicing
- Wireless cellsite terminations
- Cable television amplifier, passives and optical node enclosure
- Retrofits and upgrades to replace failing metallic enclosures

As a copper splice or fiber splice enclosure, the CMPH 7500 can be a better option than a handhole, providing a dry location protected by the "bell-jar" effect of the dome. Versus underground splice storage's potential of water fill and freezing, the CMPH 7500 provides flood-proof protection and dry operation above the ground line.

In cell site applications, the CMPH 7500 enclosure is ideal for installation either inside or outside the tower's fence line, without the need to construct a concrete pad. The enclosure can be configured with one, two or three independent two-sided fiber backboards with integrated connectorized bulkheads and fusion splice storage trays. This multi-backboard enclosure design allows the backhaul service provider to partition fiber access to multiple cellular providers from a single enclosure, with each end user having secure access to only their fiber connections.



CMPH-7500N Copper Configuration



CMPH-750FN Fiber Configuration

**MADE IN THE
USA**

Charles

Specialty Applications



CMPH-7500
Cell-Site Configuration
(Wireless Backhaul to
Multiple Service Providers)



CMPH-7500
Vented Lid Option for
Housing Weather-Hardened
Active Electronics



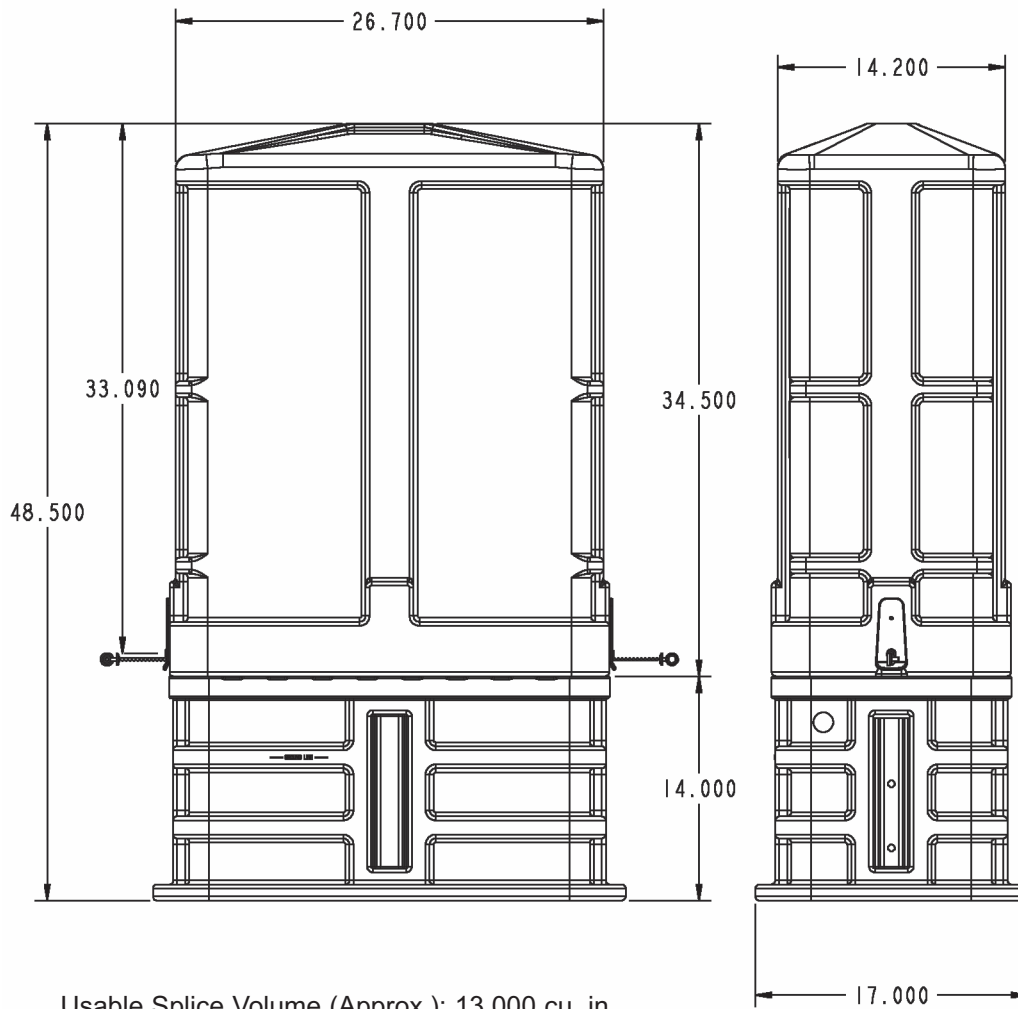
CMPH-7500
Copper / Fiber Co-Location
Configuration



CMPH-7500 Vault-Lid Mounting
(Requires Optional Hardware Mounting Kit,
Copper or Fiber Cable Slack Storage)

Product Features

- Lift-off dome - Enables 360 degree access to internal working areas.
- Dual 7/16" hex-head stainless steel locks - Provide security while allowing access via standard 216-tool or can wrench. Optional padlock hasp for added access control.
- "Bell Jar" flood protection - The enclosure's dome keeps splices dry by creating an air pocket, as well as, eliminating intrusion of wind-blown rain and dust, and prevents unauthorized entry.
- Ample base size - The base provides ample room to bring in multiple cables and conduits for maximum user flexibility.
- Sturdy non-metallic construction - Offers superior dent resistance, corrosion protection, and electric shock safety.
- Repositionable bonding and grounding bar - Offers flexibility for user equipment installation.
- Vault mount option - Allows additional space for fiber cable or splice closure storage.
- Flame resistant option - Provides an additional level of protection against brush fires (GR-13 / RUS).
- Vented dome option - Allows weather-hardened active devices to be housed within the enclosure.



Ordering Information

Description

Charles Part

Copper Configurations (splice bars)

No mounting stakes
Two (2) 30" universal mounting stakes included
Two (2) 36" universal mounting stakes included
Two (2) 42" universal mounting stakes included

CMPH-7500N
CMPH-7510N
CMPH-7520N
CMPH-7530N

Fiber Configurations (offset fiber brackets)

No mounting stakes
Two (2) 30" universal mounting stakes included
Two (2) 36" universal mounting stakes included
Two (2) 42" universal mounting stakes included

CMPH-750FN
CMPH-751FN
CMPH-752FN
CMPH-753FN

Copper / Fiber Configurations

Use *CMPH Copper / Fiber Enclosures Ordering Guide*¹

CMPH7XXXXXXXXX

Cell Site Configurations

Contact your Charles Industries' account manager, sales representative company or an authorized distributor for assistance with configuration options.

CMPH7XXXXXXXXX

CMPH-7500 Accessories

Vault mount kit, four metal brackets and hardware²
6-point ground bar (package of 10)
Mounting bracket kit for 12-pair or 25-pair terminal block
30" universal mounting stake (minimum order of 10 pcs.)
36" universal mounting stake (minimum order of 10 pcs.)
42" universal mounting stake (minimum order of 10 pcs.)
Fiber optic bracket kit, offset, one bracket with hardware
Splice bar, copper (package of 10)

CMPH GLBNRKT
CMPH-BOND10
CKPL-99
UMS30-STD
UMS36-STD
UMS42-STD
CMPH-FOBRK
CMPH-SPBAR10

¹ CMPH Copper/Fiber Enclosures Ordering Guide is available on the Charles website at:
http://www.charlesindustries.com/main/CMPH_Copper_Fiber_Ordering_Guide.pdf

² Vaults and custom fit vault covers are ordered directly from 3rd-party vault manufacturers.



INNOVATIVE ENCLOSED SOLUTIONS™



Dependable Solutions, Superior Support

- Field-proven and unequalled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9001/TL 9000 registered)

Visit our website at <http://www.charlesindustries.com>

Charles Industries, Ltd.
Telecommunications Group

Voice: (847) 806-6300
Fax: (847) 806-6231
E-mail: mktsterv@charlesindustries.com



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