

Charles Multi-Purpose Housings (CMPH) 8500 Series

Large capacity, non-metallic enclosure for fiber or copper splicing and cable slack storage

The Charles Multi-Purpose Housing (CMPH) 8500 Series is an extension of the CMPH-Series of enclosures widely deployed across wireline and wireless service providers, cable television operators and utility companies' networks. A versatile enclosure designed to environmentally protect copper, fiber and other equipment typically deployed in the outside plant environments, the CMPH 8500 is designed for new provisioning installations as well as rehabilitation of existing access enclosures. The enclosure's superior structural strength, outstanding environmental protection and ease of installation combine to create a long-life housing that reduces operational expenses. As a copper splice or fiber splice enclosure, the CMPH 8500 offers an above-grade, dry, clean, easy-to-work-in option versus deploying a handhole.



Applications

Fiber Splice and Cable Slack Enclosure (CMPH-850FN)

- Storage of sealed fiber splice closures and fiber cable slack
- Up to 33" cable diameter x 18" internal depth (to fiber bracket)

Copper Splice Enclosure (CMPH-8500N)

- Large pair count copper splice locations, >5,000 spliced pairs

Features

- Lift-off two-piece dome: Enables 360 degree access to internal working areas and improves technician manageability (two-piece design significantly lowers lifting weight and increases safety)
- Dual 7/16" hex-head stainless steel threaded locks: Provide security while allowing access via standard 216-tool or CAN-wrench
- Ample base size: The base provides ample room to bring in multiple cables and conduits for maximum user flexibility
- Sturdy HDPE non-metallic construction: Offers superior dent resistance, corrosion protection, and electric shock safety
- Repositionable bond bar: Increases flexibility for user equipment installation



CMPH-850FN Fiber Configuration



CMPH-8500N Copper Configuration

MADE IN THE
USA

 Charles

Product Specifications

	<u>Fiber Configuration</u>	<u>Copper Configuration</u>
External Dimensions (HxWxD):	55"x41"x28.5"	55"x41"x28.5"
Height from Ground Line:	43"	43"
Internal Volume:	27,000 cu. in.	27,000 cu. in.
Bonding/Grounding:	6 stud bond bar w/ground lug	6 stud bond bar w/ground lug
Locking Mechanism:	Two side threaded bolts and 216-tool access	Two side threaded bolts and 216-tool access

Ordering Information

Fiber Configurations

Enclosure equipped with main U-support bracket, two (2) offset fiber brackets, fiber cable storage hook, bond bar with ground lug, and moisture barrier sheet.

Description

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

Charles Part

CMPH-850FN
CMPH-851FN
CMPH-852FN
CMPH-853FN

Copper Configurations

Enclosure equipped with main U-support bracket, six (6) insulated and repositionable ladder bars, cable attachment bracket, bond bar with ground lug, and moisture barrier sheet.

Description

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

Charles Part

CMPH-8500N
CMPH-8510N
CMPH-8520N
CMPH-8530N

CMPH-8500 Series Accessories

Description

6-point ground bar (package of 10)
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.)

Charles Part

CMPH-BOND10
UMS30-STD
UMS36-STD
UMS42-STD



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D-OSP170-A17