

Charles Broadband Cable / MSO Solutions

Charles Industries supplies coaxial and fiber optic enclosure systems that are easy to deploy, field-proven for long service life, and cost saving for MSO outside plant networks. With solutions for HFC, PON, Ethernet and SONET/SDH architectures, Charles offers a complete line of **Innovative Enclosed Solutions™**.

HYBRID FIBER COAXIAL SOLUTIONS



Louvered Low-Profile Housings

provide mounting facilities and security for taps, splitters, line extenders, amplifiers and nodes. A rectangular design with rounded corners features louvers for anti-insect protected ventilation.



Louvered Vertical Pedestals

provide mounting facilities and security for taps, splitters, line extenders and amplifiers. The louvered vents offer excellent heat dissipation with protection against insects. Pedestals are self supporting (no mounting stake).



Non-Louvered Vertical Pedestals

provide mounting facilities and security for taps, splitters and line extenders. Each pedestal comes equipped with either a galvanized or powder-coated mounting stake, as well as one of many optional brackets.

FTTX SOLUTIONS



BDO Fiber Distribution Pedestals

provide easy access to branch and drop splices while protecting and storing loose buffer tube fiber optic cables. The BDO fiber organizer securely mounts splice trays and splitters with ample technician access.



CFDP Fiber Distribution Pedestals

offer two-stage environmental protection of fiber optic loop distribution cable and customer service drops, with a weather-tight interior enclosure that is protected by the pedestal's robust locking dome.



CFFP Hub Pedestals

offer a low cost alternative to placing fiber distribution hubs (FDH) without the need for right-of-ways or expensive concrete pads. CFFP are pre-stubbed and available in 72, 96, 144 or 288 fiber counts.



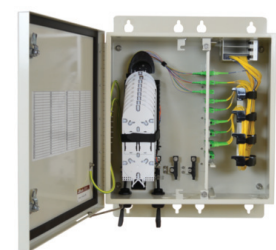
Optical Hub Cabinets

offer a high-capacity fiber distribution hub featuring intuitive cable routing, front and rear access doors, and space for multiple splitters for incremental growth. Available in 288, 432, 576 or 864 fiber counts.



Flex Compact Hubs

are configured for low density Multi-Dwelling Unit (MDU) fiber distribution applications of up to 16 fiber ports. A swing-out fiber bulkhead provides technician-friendly access to feed and drop cables.



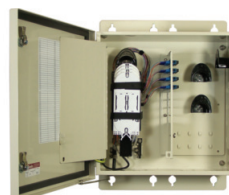
CFIT Hub Terminals

provide fiber distribution to up to 96 subscribers from a compact, outdoor terminal. CFIT-H support fusion, pre-terminated and field terminated feed and drop fiber and have space for up to three 1x32 splitters.



CFIT-Flex Terminals

offer a universal backplane and optional 24 port (compact) or 72 port (standard) fiber bulkhead supporting SC, LC or MPO fiber connectors.



CFIT Interconnect Terminals

provide fiber aggregation or demarcation of up to 96 fiber connectors and/or 432 fiber splices with easily field upgradeable options.



CFTT Fiber NID

serve as a customer demarcation point for fiber entering the customer premises. 4 port and 8 port models are available.

FTTX SOLUTIONS *(continued)*



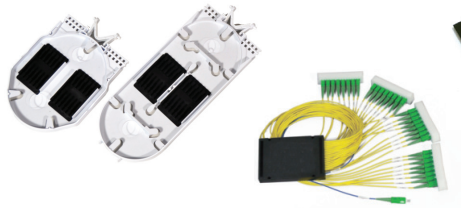
TRUE Vaults and Handholes
are constructed from advanced composite materials and are ANSI Tier 15 or 22 load rated. Four sizes available.



CBGE Vaults and Handholes
are constructed from lightweight, molded polyethylene (HDPE) and are designed for light duty, incidental traffic applications.



CMPH Multi-Purpose Enclosures
are versatile non-metallic enclosures designed for both new provisioning installations as well as rehabilitation sites.



Fiber Accessories

Charles Industries offers a full line of fiber optic accessories for enclosures, terminals and pedestals, including splice trays, splitter trays, splitter modules, LGX modules, patch plates, bulkhead adapters (SC/APC, SC/UPC and LC/UPC), attenuators, fan-out cable assemblies, optical taps, jumpers and pigtails.



Riser Pipes & Wire Guards

are UV stabilized, thinwall PVC protectors for aesthetic protection of buried coaxial and fiber drops on exterior walls at the customer premises.

FIBER TO THE CELLSITE SOLUTIONS



IXC Pedestals

are pre-connectorized "interconnect panel" fiber drop points for multi-tenant cell sites, with two-stage (outer dome/inner door) design.



Fiber Rack Solutions

include 1RU, 2RU and 4RU panels flexibly designed for patch, splice and splitter requirements in 19" and 23" racks.



Backhaul Cabinets

include CUBE MP, RL and PM Series models that provide NEMA 4X protection for backhaul electronics and splice trays.

ACTIVE EQUIPMENT CABINETS



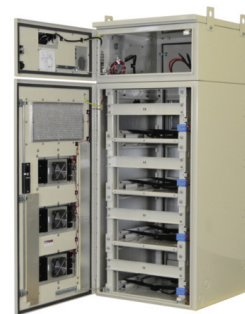
Small Cell/DAS Enclosures

house Ethernet demarcation devices, AC/DC rectifiers, Small Cell equipment and backup batteries. Pole, wall and ground-mount models available.



Small Cell Shrouds

offer aesthetically-pleasing concealment of radios at small cell, densification, and DAS remote sites. Pole and ground mount models are available.



Site Support/BBU Enclosures


allow providers to install highly efficient rectifiers and VRLA or Ni-Cd batteries in durable, robust and GR-487 compliant padmount enclosures.

For additional product and ordering information, please visit www.charlesindustries.com.

INNOVATIVE ENCLOSED SOLUTIONS™



Charles Industries, LLC
An Amphenol Company

 is a registered trademark of Charles Industries, LLC.

Voice: (847) 806-6300
FAX: (847) 806-6231
E-mail: mktserve@charlesindustries.com

D-OSP176-I21