

Z24 Generation II Low-Profile Housing with Extended Depth Base

Pedestal Housing for Next Generation CATV/Broadband Network Equipment with Fiber Splice Case Storage

Next generation CATV network upgrades, including Remote PHY (R-PHY), MAC-PHY, Node + 0, Node + N, etc., are placing increasing thermal and space demands on outside plant pedestal housings. New R-PHY optical nodes are being engineered to dissipate 160 Watts of power; significantly greater than prior generations of pedestal housings were designed to accommodate. Pedestals that cannot accommodate 160W can result in network outages or shorter equipment lifespans due to over-heated equipment.

The Charles Industries' Z24 pedestal housing was engineered specifically to meet the demands of next generation CATV network architectures and equipment. It is built to withstand the harsh elements typically found in outside plant deployments. Leveraging our expertise in outside plant enclosure engineering, thermal analysis, design and testing, the Z24 is capable of supporting R-PHY compliant equipment across all regions in the USA.

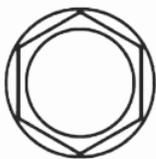


Product Features

- Molded of high-density polyethylene (HDPE) with ultraviolet U/V inhibitors to provide impact resistance, color stability and long-life
- Dome color is light green, base color is black
- High-density engineered venting provides robust heat dissipation for high-output R-PHY nodes
- Insect resistant openings prevent wasp & bee intrusion, protecting technicians accessing the enclosure
- Self-latching dome locking system reduces unlocked pedestals and unwanted access
- Extended depth base allows for expanded space to store fiber splice cases and for installations on sloped grades
- Self-supporting base requires no additional mounting stake
- Molded-in ground line for consistent installations
- Corrosion resistant aluminum or stainless steel brackets and hardware for long service life
- Fiber node bracket stores 120 ft. of 0.7" outside diameter cable slack



Lock Type



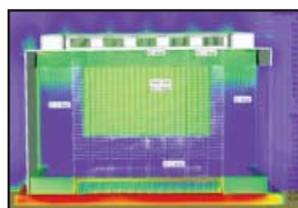
HEX-HEAD
(216-Tool)

216-tool hex-head lock provides security from unwanted intrusion. Dome secures to base with self-locking mechanism and is easily removed or reattached by a single technician.

Additional custom lock options are available. Please contact your account representative for details.

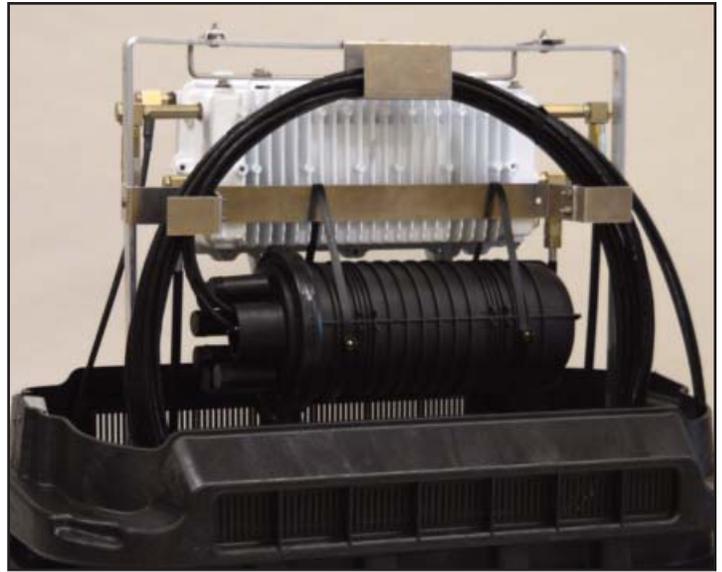
Thermal Analysis

Charles Thermal Management Experts are available to consult with you on your specific application's



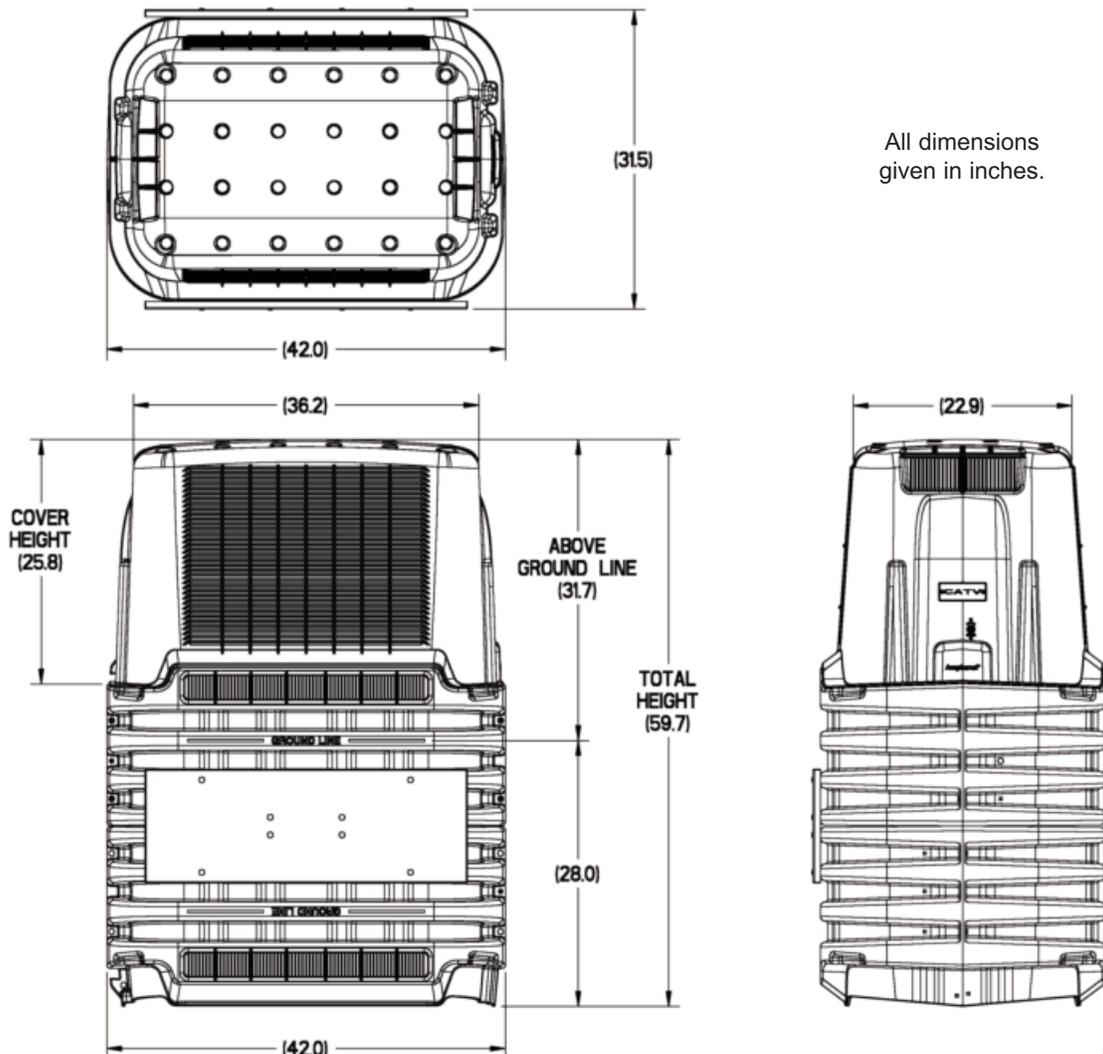
heat dissipation needs, including thermal modeling of equipment as would be housed. Please contact your account representative for details.

Internal Bracket



Front and rear views of the Z24 housing's low-profile fiber node bracket. Photos are shown with customer-supplied equipment and cabling installed (not included).

Housing Dimensions



Ordering Information

Z24 HOUSING WITH LOW-PROFILE NODE BRACKET, EXTENDED DEPTH BASE AND FIBER SLACK MANAGEMENT

Part Number	Description
Z24SS07-20007BK	Z24 Housing, light green dome, extended depth base, hex-head lock, low-profile node with fiber storage bracket, no nameplate

ACCESSORIES

Part Number	Description
C216C-01	Key for hex-head lock, order in quantities of 10 keys

Notes:

- Housing Weight: 117 lbs. each
- Standard Packaging: 2 pedestals per skid

Please contact your Charles account representative for additional housing options and colors.



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