

Z14 Generation II Low-Profile Housing

Pedestal Housing for Next Generation CATV/Broadband Network Equipment

Next generation CATV network upgrades, including Remote PHY (R-PHY), MAC-PHY, Node + O, 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' Z14 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 Z14 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
- Two-piece base allows for easy retrofit installations
- 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
- Node plus Fiber Storage Bracket offers cost effective vault-less installation
- Fiber bracket stores 120 ft. of 0.7" outside diameter cable slack

Lock Type



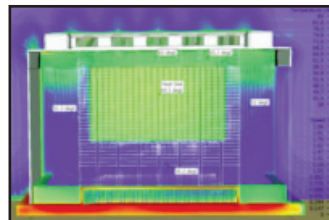
HEX-HEAD
(216-Tool)

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.

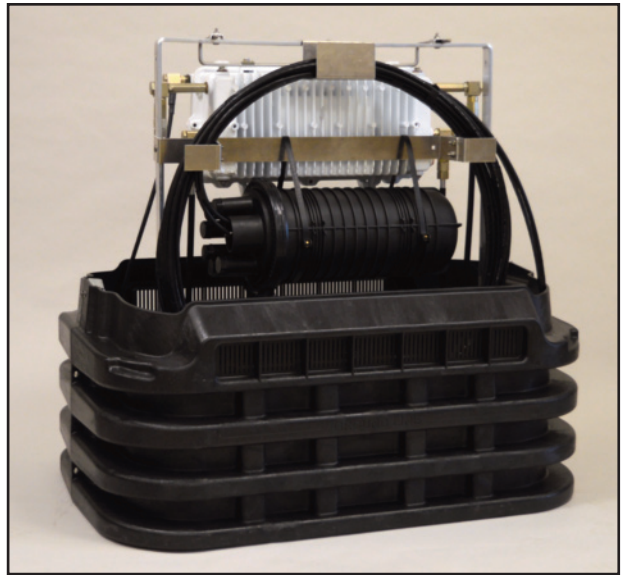
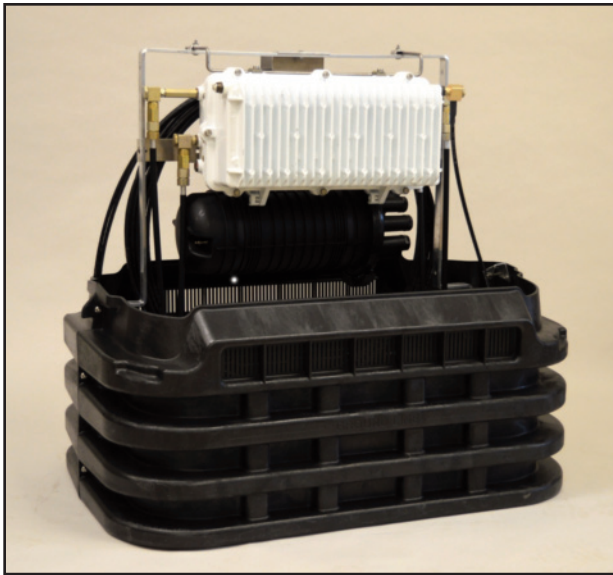
Additional custom lock options are available. Please contact your account representative for details.

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.

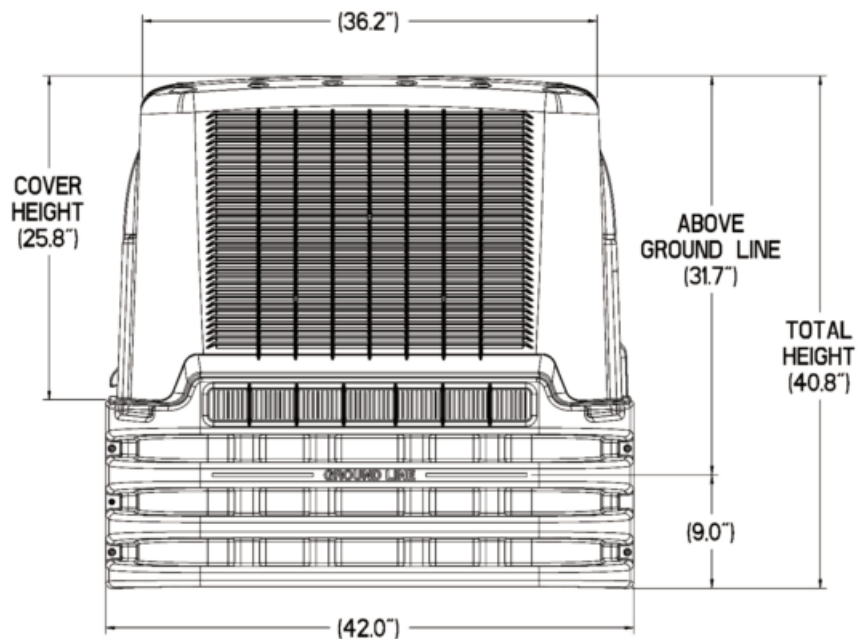
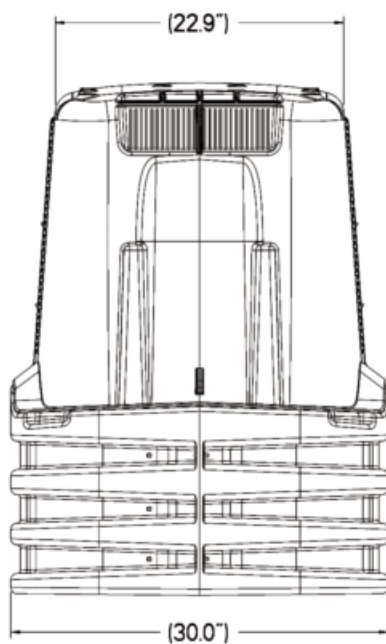
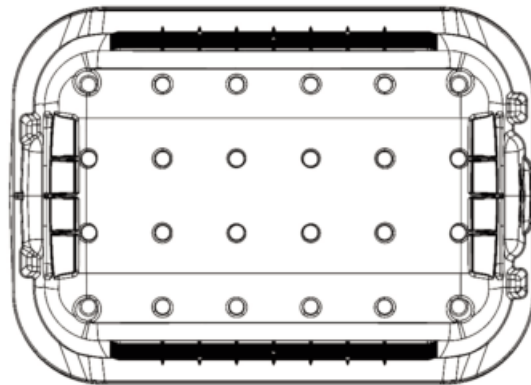


Internal Bracket



Front and Rear Views of Z14 low-profile node with fiber storage bracket.
Photos are shown with customer-supplied equipment and cabling installed (not included).

Housing Dimensions



Ordering Information

Z14 HOUSING WITH LOW-PROFILE NODE BRACKET AND FIBER SLACK MANAGEMENT

<u>Part Number</u>	<u>Description</u>
Z14SS07-20007BK	Z14 Housing, light green dome, black base, hex-head lock, low-profile node with fiber storage bracket, no nameplate

ACCESSORIES

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

Notes:

- Housing Weight: 69 lbs. each
- Standard Packaging: 4 pedestals per skid

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



INNOVATIVE ENCLOSED SOLUTIONS™



Dependable Solutions, Superior Support


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

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

Charles Industries, LLC
An Amphenol Company

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



 is a registered trademark of Charles Industries, LLC.

D-OSP193-D20