Pedestal Housing for Next Generation CATV/Broadband Network Equipment

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 Amphenol 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.
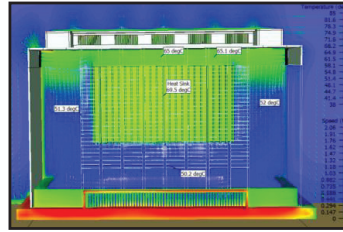

Features:

- Molded of high-density polyethylene (HDPE) with ultraviolet U/V inhibitors to provide impact resistance, color stability and long-life
- High-density engineered venting providing robust heat dissipation for high-output R-PHY nodes
- Insect resistant openings to prevent wasp and bee intrusion to protect 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
- Mounting bracket designed for fiber optic node plus fiber optic cable slack storage (120 ft, 0.70" O.D.)

Thermal Analysis:

Our 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.
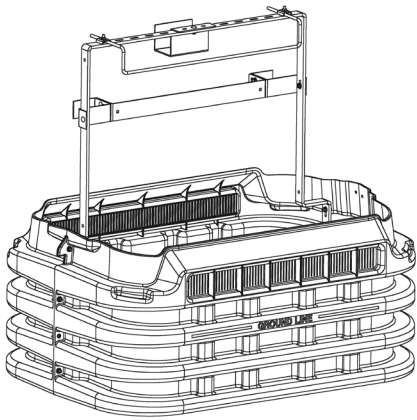

Specifications:

Lock Type:	HEX (Option SS07)		P-Key (Option SCCP)	
Color Option:	Light Green - Standard option #2			
Standard Packaging:	Four (4) Housings per pallet			

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

Ordering Information

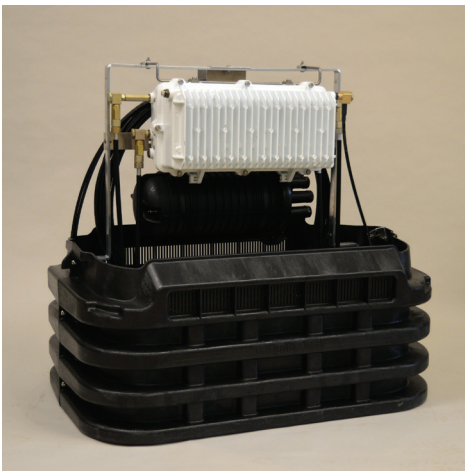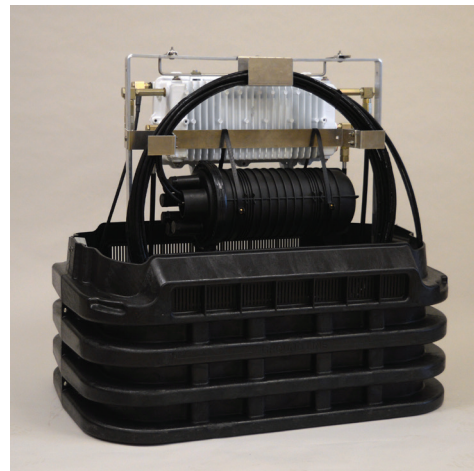| ABS Part No.	Description
Z14SS07-20007BK	Z14 Housing, light green (option 2), hex-head lock (option SS07), low-profile node with fiber storage bracket (option 007), no nameplate
Z14SCCP-2000SBK	Z14 Housing, light green (option 2), hex-head lock (option SS07), low-profile node with fiber storage bracket (option 007), no nameplate
C216C-01	Key for Hex-head (SS07) Lock, order in quantities of 10 keys
KEY-SCCP	Key CATV, SCCP P (SCCP) Lock, orders in quantities of 10

Bracket:

Low-Profile Node Bracket
with Fiber Slack Management
(Option 007)
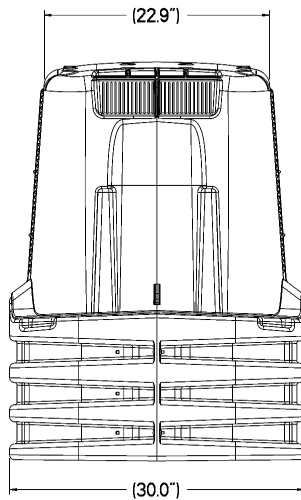

Example Confirguration:

Node Side

Fiber Slack Storage Side

Housing Dimensions:

Housing weight 69 lbs each