



Charles Universal Broadband Enclosures (CUBE)

RL1000 Series Backhaul Cabinets

CUBE RL1000 Series cabinets provide environmental protection of Ethernet equipment and other electronics for wireless backhaul applications at cellsites and other remote outdoor applications. With 14RU of rack space, these compact enclosures can be flexibly mounted in small spaces. An optional slide-out tray (97-001990-A) provides storage of equipment that is not rack mountable.



Specifications

Overall Dimensions	26"H x 22"W x 20"D
Rack Space	14RU
Rack Width	19" EIA Standard
Hole Spacing on Racks	EIA 12-24
Bonding & Grounding	(1) 8 Position, 2-Hole Ground Bars
Fuse Panel	(1) Wallmount 10 Position GMT Type
Cable Entrance	(5) 1.75/2.5" Double Knockouts
Color	Off-White
Construction	Welded Aluminum
Mounting	Wall or H-Frame, Pole Mount with optional kit
Thermal Management Options	580W 24VDC/48VDC/120VAC HX, 750W 48VDC HX, 2K BTU HVAC, Vented with Fans

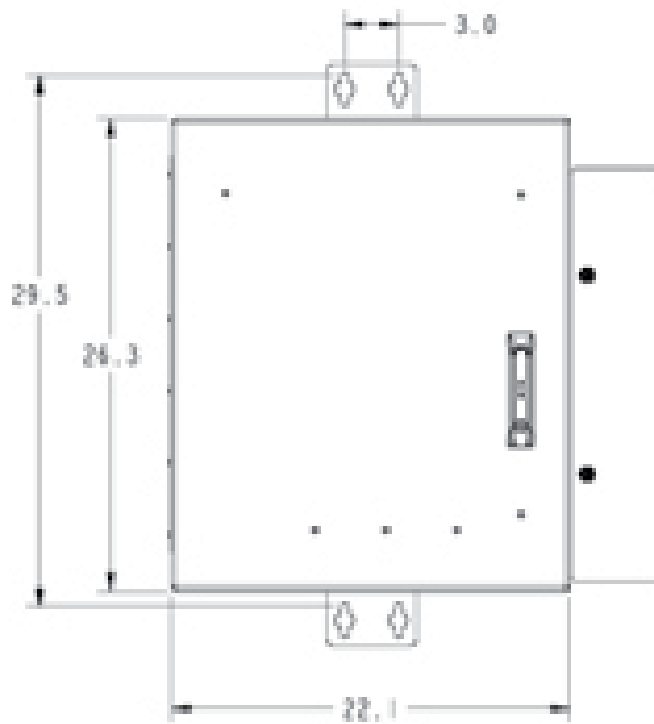


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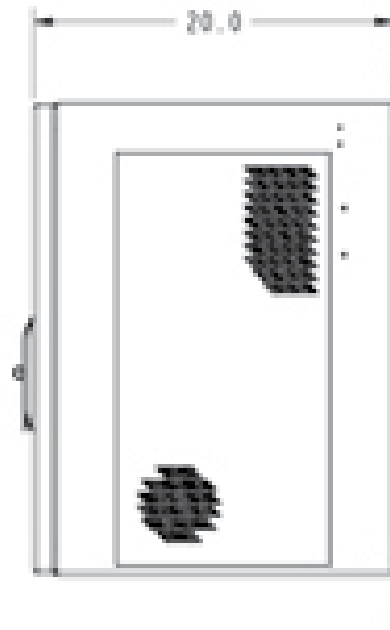
Note: RL1003 Models have Heat Exchanger positioned on the side of the cabinet, RL1141 Models have Heat Exchanger positioned on the front of the cabinet.

Charles Part #	Overall Dimensions	RU	Mounting Rails	Equipment Chamber Door	Equip. Chamber Dimensions	Battery Chamber Dimensions	Handoff Chamber Dimensions	Load Center	Thermal Specs	Integrated Power	Weight Empty (lbs.)
CUBE-RL1003A-A	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	580W 48V DC HX	—	90
CUBE-RL1003B-A	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	None	—	75
CUBE-RL1003C-A	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	580W 120VAC HX	—	90
CUBE-RL1003E-A	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	2K BTU HVAC	—	105
CUBE-RL1003VF-A	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	Vented with Fans	—	105
CUBE-RL1141AN1	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	580W 48V DC HX	—	90
CUBE-RL1003AB-A	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	None	—	90
CUBE-RL1003ABA2	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	None	—	90
CUBE-RL1003EM-A	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	2K BTU color RED	—	90
CUBE-RL1003FA-A	26x22x20	14	19" Fixed Rail	Front	26x22x20	—	—	None	2K BTU no color	—	90

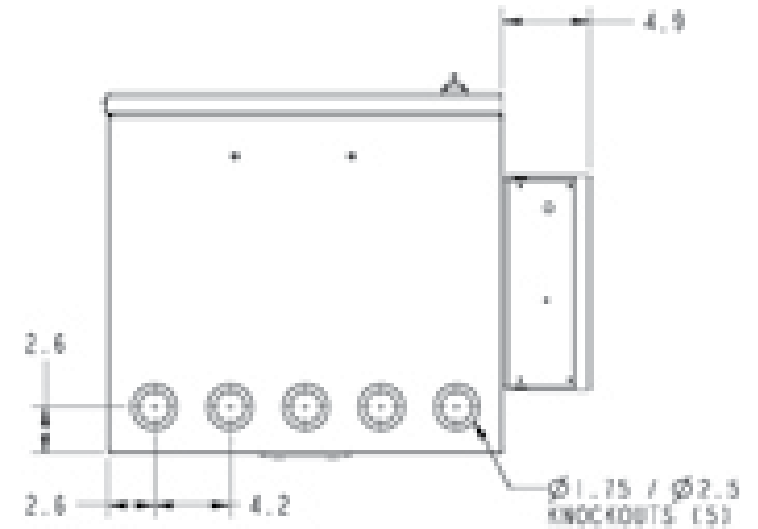
All measurements given in inches.



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

CUBE Accessories

Pole Mount Kit
H-Frame Hardware Kit
Slide-Out Tray
10" Plinth Kit

CI Part #

97-CABPMTKIT
97-001971-A
97-001990-A
97-002127-A



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