

# Westell® | Rural Broadband Solutions

*Rapid, High-Quality, Cost-Effective Integrated Cabinet Solutions  
for Wireless and Wireline Rural Broadband Applications*



With government grants and funding focused on bringing high-speed service to rural America, the need for **rapid, high-quality, cost effective deployments** is more critical now than ever. Westell is ready to support this initiative with our Integrated Cabinet Solutions for wireless and wireline Rural Broadband applications.

Westell's 30 years plus experience in Outdoor Cabinet and System Integration deployments has enabled us to provide systems that offer the **lowest total cost of ownership (TCO)** over the system's life.

## Rural Broadband Applications:

- Fixed Wireless Access
- LTE
- CBRS
- Fiber to the Home (FTTH)
- 5G
- Wireless Backhaul

## Reduce Time to Market:

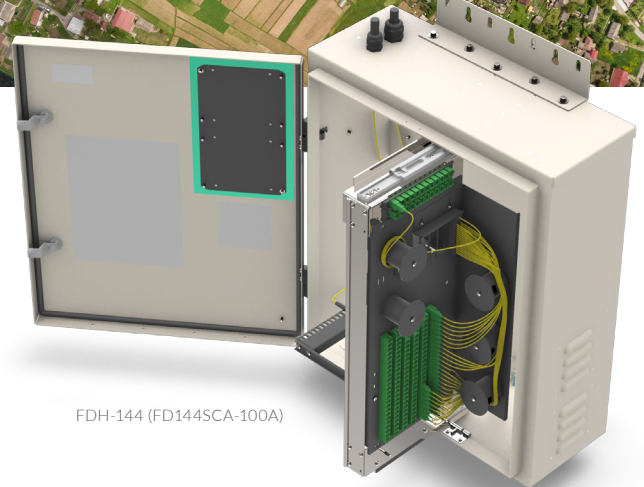
Westell offers the flexibility of turnkey integrated cabinets, ready for installation that ship directly to the job site.

- Our Integrated Cabinet Solutions are vendor agnostic allowing customers to choose their preferred network electronics bundled to provide complete cabinet solutions that best meet their needs and timeframe.
- One-Stop-Shop and ease of ordering via a single part number help optimize Supply Chain Management by reducing the burden on Purchasing, Receiving, Quality Inspection, Inventory, Staging, and Transportation.
- Westell's customer focused approach to cabinet integration allows for deployment of solutions quicker and easier than non-integrated cabinets to ensure that you can meet your installation commitments.

## Consistent High Quality:

Westell consistently provides solutions that meet or exceed the requirements and expectations of our Customers.

- We collaborate with you to design a system that will meet your current and future requirements.
- Receive detailed documentation including design, installation, wiring, and layout information.
- Westell Integration ensures standardization and repeatability across all deployments.



FDH-144 (FD144SCA-100A)

## Lower Overall Cost:

Westell's bundled Integrated Cabinet Solutions provides great long-term solutions focused on delivering the lowest total cost of ownership (TCO).

- Pre-configured, tested cabinets save on expensive job site assembly and testing
- Westell's expertise ensures the best cooling approach for the solution. Heat exchangers or air conditioners are sized and utilized to maximize the life of the equipment while minimizing energy costs
- Westell utilizes its best practices to optimize equipment location within the cabinet for thermal management, customer access, as well as expandability making ongoing operations and maintenance simplified
- Standardization and detailed documentation across deployments reduces troubleshooting and ongoing maintenance



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## Integration Highlights:

- Customer specified components, Westell system design
- Right size the cabinet with layout optimization for thermal management
- Full system design documentation including detailed wiring diagrams and all equipment manuals
- Available high-density Fiber Connectivity solutions
- Westell designed power solutions include:
  - ✓ Power distribution panels
  - ✓ AC load center and associated wiring
  - ✓ Option for generator connection
  - ✓ AC to DC rectifier and all associated AC and DC wiring

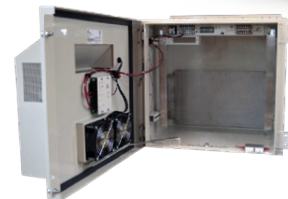
## Multiple Integration and Cooling Options



Boxer 30 PLUS



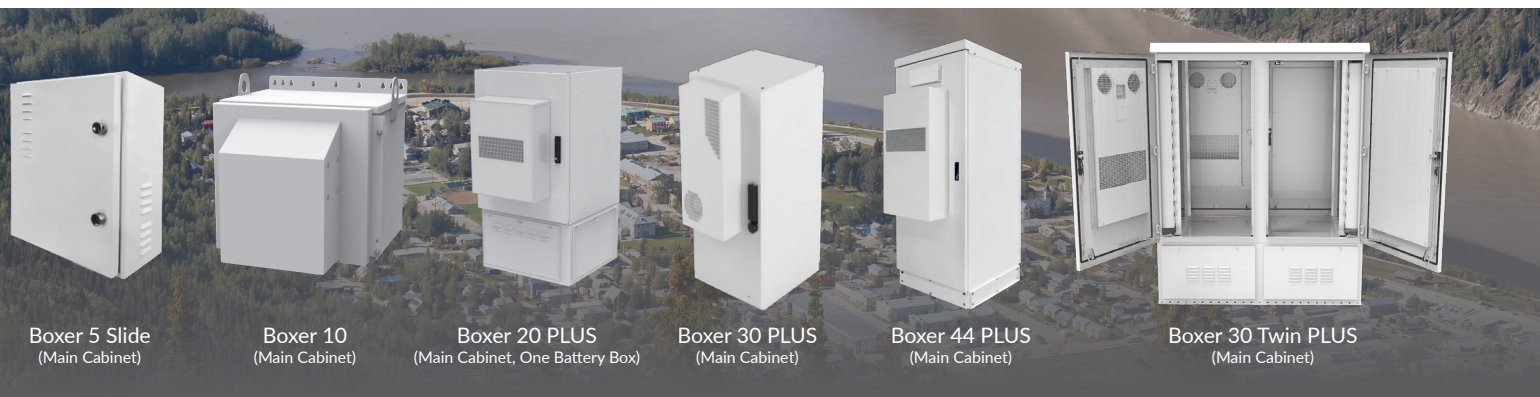
Boxer 30 Twin PLUS



Boxer 10

## Cabinet Highlights:

- Right sized for your application, 5-60 RU cabinet options
- 19" and 23" rack mount options to support multiple equipment types
- Rear access
- Compact footprint
- All aluminum construction – robust .125" thick welded aluminum, light weight, superior corrosion resistance
- Flexible mounting options including platform, pad, pole, side mount, and H-frame
- Multiple cooling options – 10.5W thru 260W per °C Heat Exchangers, AC & DC powered, 1k thru 17k BTU air conditioners, and filter fan
- Key accessories including battery box, battery heater pad, and pad mount templates offered
- NEMA 4 Rated



Boxer 5 Slide  
(Main Cabinet)

Boxer 10  
(Main Cabinet)

Boxer 20 PLUS  
(Main Cabinet, One Battery Box)

Boxer 30 PLUS  
(Main Cabinet)

Boxer 44 PLUS  
(Main Cabinet)

Boxer 30 Twin PLUS  
(Main Cabinet)

With millions of products successfully deployed worldwide, Westell is a trusted partner for transforming networks into high quality, reliable systems.

**Let's Talk More. Contact Westell Today!**



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