



Universal 52 Family of Small Outdoor Enclosures

The Next Generation of Small Electronic Cabinets

The next generation Universal 52 Remote Terminal Cabinet Family builds upon the industry success of the 52 Cabinet Series. The new universal design offers expanded cooling capacity, enhanced acoustic performance levels, and a larger side splicing area and an optional integrated Cross Connect Compartment. The 52 Series also provides a higher line density and traffic rate applications as well as significantly improving battery life.

Product Description

The 52 Cabinet Family has been redesigned with enhanced features and the capability to house current and future generations of electronic equipment. This family of cabinets shares many of the standard features of the CommScope cabinets such as rugged construction, side splicing, and separate battery compartment. These cabinets have the capability to house any electronics, and to provide enhanced cooling, superior electromagnetic interference protection, and extended battery life.

Designed specifically for the outside plant environment, the 52 cabinet family optimizes equipment density, heat transfer and dissipation, power reserve, environmental protection and ease of installation and maintenance. The cabinets are designed with flexibility in mind.

They are efficiently designed to maximize valuable electronic space by utilizing the side chambers for passive equipment. The 52-type family can accommodate from 48 lines up to 1600 lines, depending on the type of access equipment selected and installed. All models except the 52E can be pole, wall or pad mounted.

The 52BP and 52B can also be mounted on an existing host pad as an adjunct installation, utilizing an overhang plate.

The Enhanced Cooling System enables a reduced cost-per-line solution and the capability for higher traffic rates and denser electronic equipment. This new cooling technology significantly improves battery life over traditional cooling systems by greatly reducing battery temperatures without the use of air conditioners. Lower battery temperature results in longer battery life and reduced battery replacement costs.

Many optional features are available such as battery heater pads, writing/computer shelf, audible door alarms, and enhanced EMI shielding. These options allow the flexibility to economically customize cabinets to your specific needs, paying only for those options that you want.



52B Remote Terminal Cabinet

Features

- **Enhanced Cooling System**
 - cooling packages available up to 2200 Watts per equipment bay
 - enhanced Low Noise Acoustic performance available for sensitive residential applications
 - high level of heat dissipation to support dense electronic systems and high traffic rate applications.
 - extended battery life which helps reduce the cost of replacing batteries
 - designed for hydrogen dispersion
 - lower energy costs
- **Sealed Design**
 - electronics protection from outdoor elements such as humidity, dust and rain
 - contamination, condensation, and corrosion prevention
 - enhanced heat transfer capability
 - longer circuit pack life
- **Physical Design**
 - enhanced Splice and Protection space for easier Craft access
 - reduced exterior seams for greater environmental protection
 - maximum use of cabinet space for more electronics in a single cabinet
 - flexibility to support a variety of electronic configurations
 - common replacement parts with other 52-type cabinets
 - heavy duty aluminum construction
 - corrosion, weather, fire, and vandal resistant protection
 - certified to meet Telcordia GR-487 Issue2 requirements
 - pad or pole mounted (52BP, 52B)
- **Electrostatically-applied, Baked on Polyester-Paint Finish**
 - high quality, consistent, durable
 - attractive appearance
- **Reliable**
 - extensive testing and qualification to meet all Telcordia GR-487-CORE or equivalent industry standards
 - Telcordia CSQP Registered

Typical Applications

- xDSL - Adjunct or Standalone
- Digital Loop Carrier
- Broadband Loop Carrier
- Optical Networking
- T1 Extensions
- Fiber Hubbing

Cabinet Dimensions

Cabinet Model	External Dimensions (inches or otherwise stated)
52BPU	43 W x 48 H x 21 D
52BU	46 W x 63H x 26 D
52BU w/integrated Cross Connect	46 x 63 x 42
52EU	46 W x 63 H x 52 D

Cabinet Cooling Capacity and Rack Mounting Space

Cabinet Model	Cooling Capacity	Rack Mounting Space
52BPU	1400 Watts *	29 inches
52BU	2200 Watts *	44 inches
BU w/x-c	2200 Watts *	
52EU	4400 Watts *	2 @ 44 inches

ETSI Rack available in all cabinets.

*Maintaining 650C Internal Ambient Temperature



For more information on our products, please contact your CommScope Sales Representative or call 1-800-4CABNET (1-800-422-2638). You can also visit our website at <http://cw.commscope.com>

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