

**COMPANY OVERVIEW**

**SMARTWIRE.COM**

# PRODUCT LINES



## ■ CABLES, TRANSPORTERS AND ACCESSORIES

- RackPack Field Systems Solution Transporters and Accessories
- Temperature Control
- Echelon Guideline Compliant
- Commonly Used Temperature Control
- Security/Access Control
- CCTV
- Institutional, Sound/Intercom, Nurse Call
- Fire/Life Safety
- Armored Fire Alarm
- AV
- Outdoor (Direct Burial)
- Building Wire
- Structured



## ■ LEARN MORE AT SMARTWIRE.COM

### Training Videos

- RackPack Training
- RackStak® Training
- RackTrak® Training
- Grab-N-Go™ Training
- How to set-up and pull vertically
- MegaPacks set-ups and pulls
- MC Fire Cable set-ups and pulls
- Composite Cables set-ups and pulls
- Skip Wrap set-ups and pulls

### Customer Testimonials

- Read all the testimonials from industry peers who have realized all the benefits associated with the RackPack Field Systems Solution

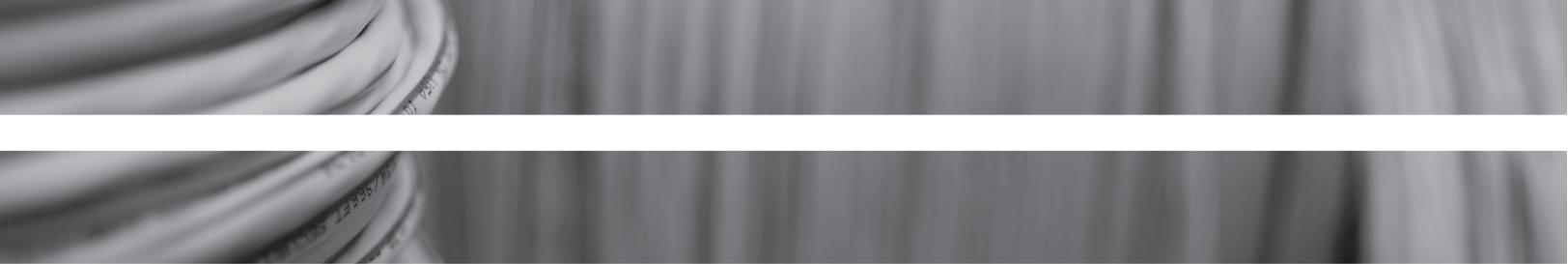
### Labor Savings Calculator

- Calculate estimated labor savings achieved through the RackPack Field Systems Solution versus traditional products and methods

### Transporter Design Tool

- Pick your items or choose an existing order
- Pick your transporter
- Design your layout
- Email or print out schematic





# INNOVATION



## WELCOME ...

to our product catalog which details the extensive wire and cable product offering available through Windy City Wire® while outlining the unique labor savings and safety benefits inherent in our patented RackPack® and RackPack Field Systems Solution.

Established in 1994 as a wire and cable distributor specializing in low-voltage cable for the building automation and temperature control market, today Windy City Wire has become the standard by which all other low-voltage wire and cable suppliers are measured.



Our philosophy of investing, innovating and putting the integrator first has propelled Windy City Wire from a small warehouse space servicing a single market segment, into a manufacturing and distribution juggernaut. Producing goods and services for all the major low-voltage markets and systems.

With our company owned manufacturing plant, strategic nationwide distribution facilities and extensive inventory, it is no surprise that Windy City Wire has become the premier wire and cable provider over the past twenty years.

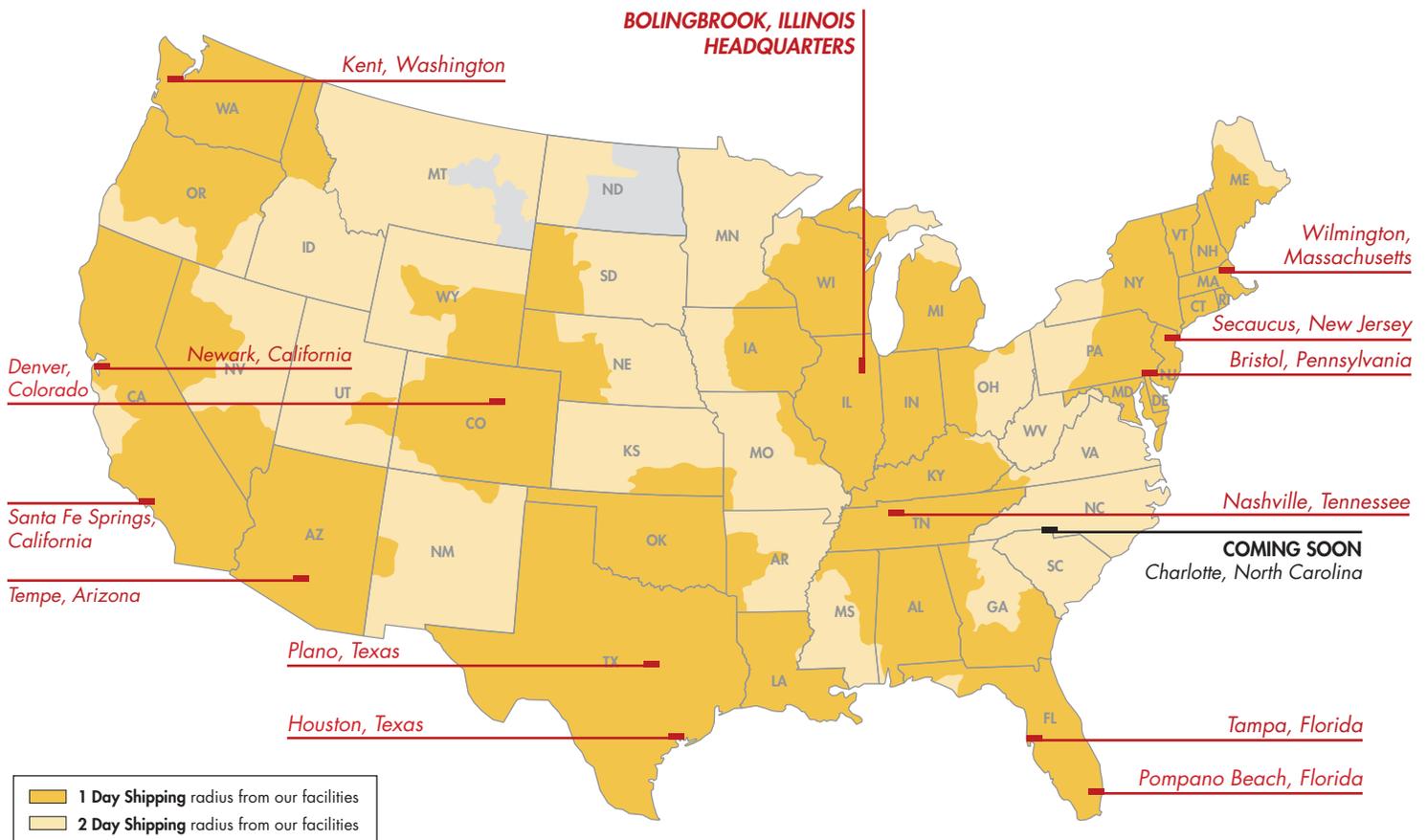
# NATIONWIDE

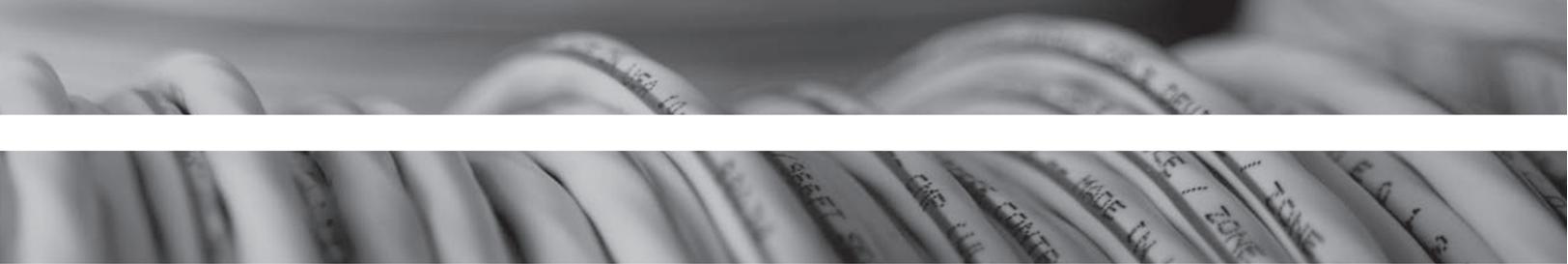
## 2 DAY DELIVERY OR LESS FOR NEARLY ALL SHIPMENTS NATIONWIDE!

Our 167,000 square foot corporate facility in Bolingbrook, Illinois is the heart of our organization, with additional locations offering another 200,000 square feet of warehouse space.

## LOCAL DELIVERY AVAILABLE

We offer local delivery from several of our branches across the country, ask your representative for more information.





# ADVANTAGE



## WINDY CITY WIRE MEANS MADE IN THE USA American Manufactured – High Quality Process

- All SmartWire® products are made in the USA
- All insulation and jacketing compounds manufactured in the USA
- Aluminum mylar shields manufactured in the USA
- Water Warrior® water blocking tapes manufactured in the USA
- RackPacks and their accessories manufactured and assembled in the USA
- RackPack Transporting devices manufactured in the USA
- Certificates of Origin available upon request



Windy City Wire manufactures wire and cable in the heartland of the United States, located in Bolingbrook, Illinois our 167,000 square foot corporate headquarters and manufacturing plant is where we produce the high quality wire and cable product that we have become known for.

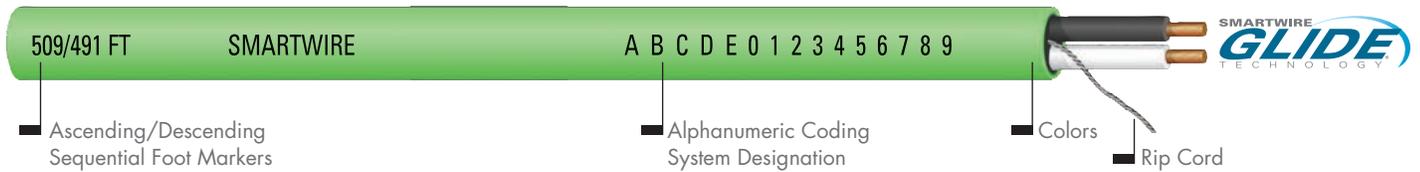
SmartWire, our signature product line, is renowned for an incredible inventory of product offerings in multiple jacket and stripe colors. This allows our customers to color code installations which can help contribute to reduced labor cost.



# STRATEGY

## SMARTWIRE'S EXCLUSIVE FEATURES

- Created, designed and available exclusively from Windy City Wire
- Reduce the time spent; pulling, isolating, identifying, labeling and terminating
- Features: Ascending/Descending Sequential Foot Markers, Alphanumeric Coding System, SmartWire colors, Rip Cord and SmartWire Glide Technology



## SMARTWIRE is more than just wire ... it's a solution!

### Ascending/Descending Foot Markers

- All SmartWire cables implement the use of Ascending/Descending Sequential Foot Markers
- Ensure 1,000' ship quantities
- Always know remaining cable quantities in box or on spool
- Easy calculation of point-to-point length
- Proper utilization reduces indiscriminate product waste by 15-25%
- More cable utilized from every box or reel
- Supplement shorter runs on other jobs and service calls with the cable you don't scrap
- Determine the length of wire segments very easily

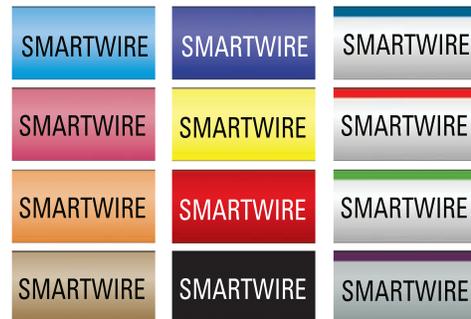


### SmartWire Glide Technology

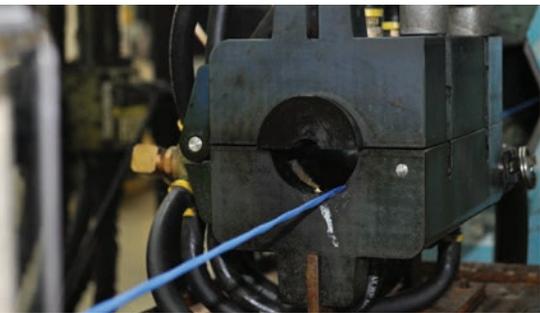
- Reduces pulling friction up to 70%
- Low viscosity as it coats and clings to the entire cable jacket
- All stock SmartWire cables come standard with Glide lubrication at no additional cost

### Jacket Color Options

- SmartWire is renowned for its incredible options of multiple jacket colors and stripes



# SMARTWIRE GLIDE



## — SMARTWIRE GLIDE TECHNOLOGY

**Over 500 million linear feet of cable pulled annually, and SmartWire Glide makes it that much easier**

- Take your productivity to new heights by pulling SmartWire enhanced with Glide Technology
- Water based dry lubricant applied during manufacturing process
- Significantly reduces pulling friction
- Glide Technology applied to all SmartWire low-voltage, Water Warrior and THHN Product Lines
- SmartWire pulled from a RackPack requires, on average, 70% less force when pulling through conduit than other products

### **“Glide” is without a doubt the most popular of SmartWire’s value-added features**

“Glide” is a water based lubricant that is applied to the jacket of our cable during the manufacturing process, in a matter of seconds the jacket is completely dry. The residue that remains is that of a thin slippery film that retains lubricity for months after the product has been manufactured.

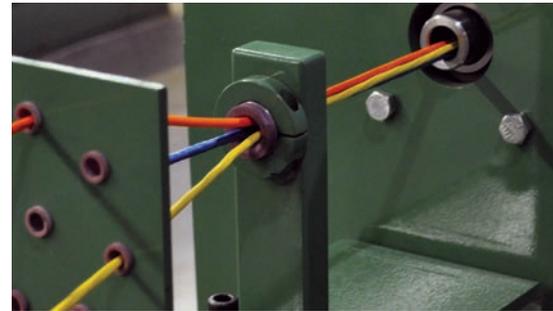
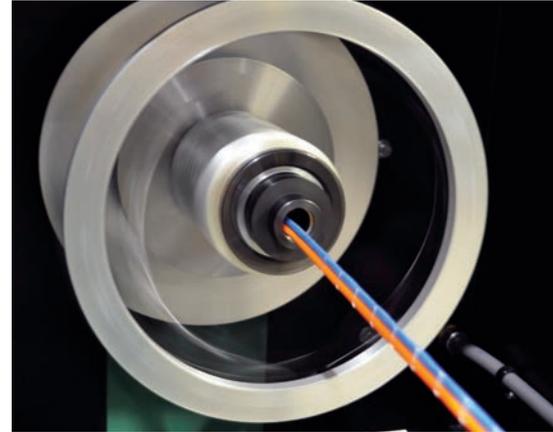
In a study conducted by Lewis University for Windy City Wire the following assessment was made about our product “Windy City Wire requires, on average, 70% less force to continue pulling through conduit than its competitors. Thus, it can be inferred that the Glide coating that Windy City puts on its wire plays a major role in decreasing the friction between the wire and the conduit, reducing the pull force required. It would be reasonable to infer that the Glide coating would similarly reduce the friction, thereby enhancing the performance of Windy City Wire’s products compared to its competitor’s products, when pulling cable through J-hooks or bridle rings and in cable trays or over ladder racks with or without existing cables present.”

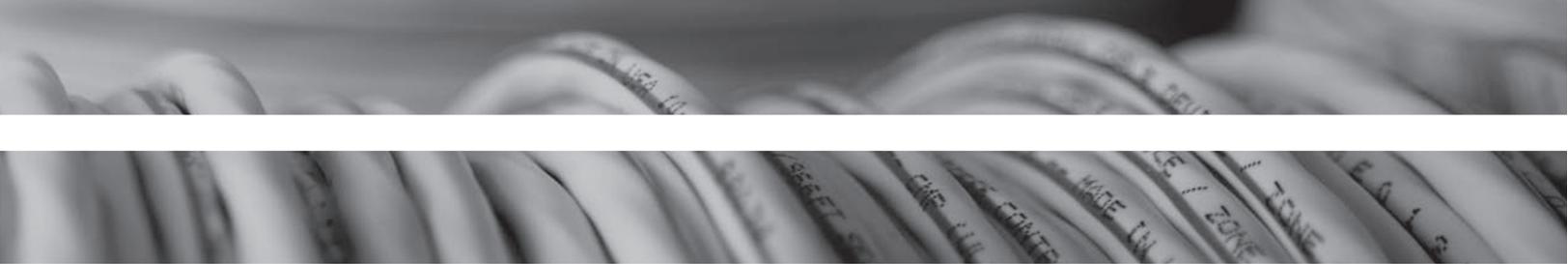
# SKIP WRAP

## ■ SKIP WRAP

**Any application, any combination  
Customized to fit your needs**

- Combine single element items together to form a single cable pull
- Minimum order is 2 elements at 1,000' length
- Great way to combine a multiple cable pull into a single pull
- Typical Skip Wraps consist of 3 to 5 cables combined into 1 single pull
- Multiple wrapping strings available from single-pass nylon, quad-pass nylon or kevlar
- Most Skip Wraps will fit into RackPacks
- Great for low-voltage applications
- Great for THHN applications





# WATER WARRIOR



## — SMARTWIRE WATER WARRIOR CABLES

- Non-woven polyester water blocking tape placed under jacket
- Prevents longitudinal water penetration
- Mitigate the damaging and corrosive effects caused by water penetration
- SmartWire Glide Technology included on all Water Warrior cables
- To identify cables with Water Warrior features, look for the symbol below throughout the catalog

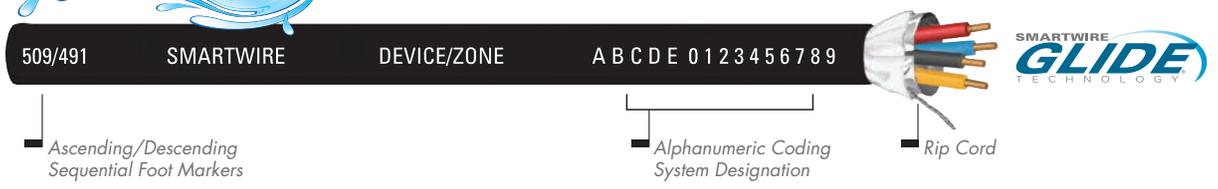
## New and improved quad rated tray VNQ cables!

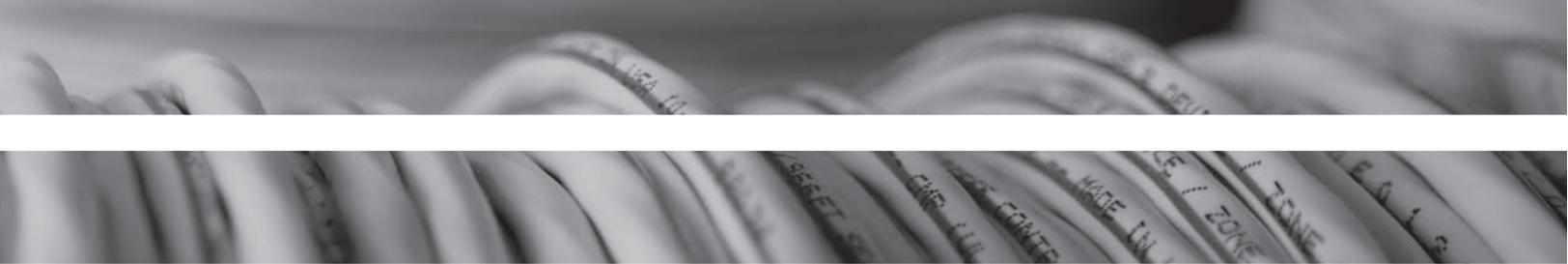
Water Warrior cables feature a non-woven polyester water blocking tape that prevents longitudinal water penetration. The inclusion of this technology to our standard off-the-shelf tray cable helps further mitigate the damaging and corrosive effects caused by water penetration and migration. In addition to our quad rated VNQ tray cables, Water Warrior technology can be implemented with nearly any of our SmartWire products, with a minimum order requirement of 10,000' per item.

Our Water Warrior cables also feature SmartWire Glide Technology. This technology takes your productivity to new heights by reducing your pulling friction up to 70%. It has low viscosity as it coats and clings to the entire cable jacket.



**SMARTWIRE®**  
**WATERWARRIOR**





# EXCELLENCE

## — OVER 500 MILLION LINEAR FEET OF SMARTWIRE PULLED ANNUALLY FROM RACKPACKS

The integrators and contractors that pull this 500 million feet answer **YES** to the questions below.

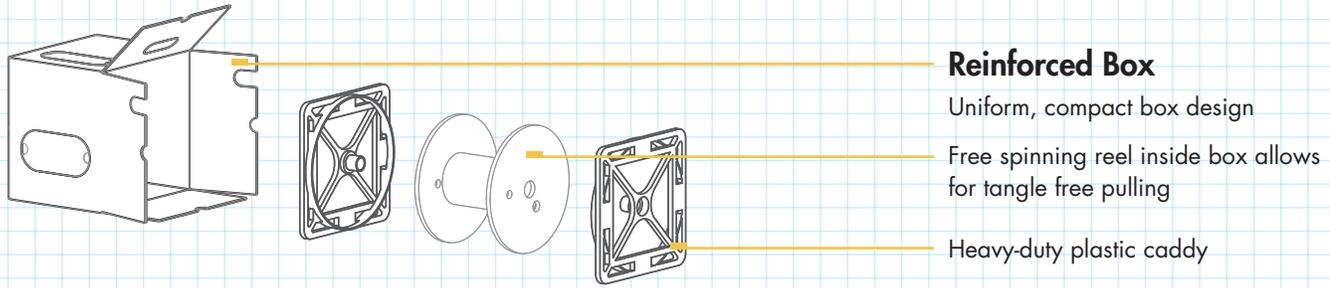
### What is your response?

- Labor is the largest of my variable cost on a job? ... **YES!**
- Reducing the time it takes to run and pull wires would increase profitability? ... **YES!**
- Reducing the time it takes to move material on jobs would increase profitability? ... **YES!**
- Implementing or increasing safety practices is important to your company? ... **YES!**
- Eliminating or reducing duplication of effort would reduce my labor cost on my projects? ... **YES!**
- Having faster more accurate access to information would reduce labor cost on my projects? ... **YES!**
- Improving installation methodologies that reduce the effort required to perform tasks would reduce labor costs on my projects? ... **YES!**
- Increasing my technicians or electricians skill level in the field would result in lower labor costs on projects? ... **YES!**



# PATENTED RACKPACK

## WINDY CITY WIRE'S PATENTED RACKPACK

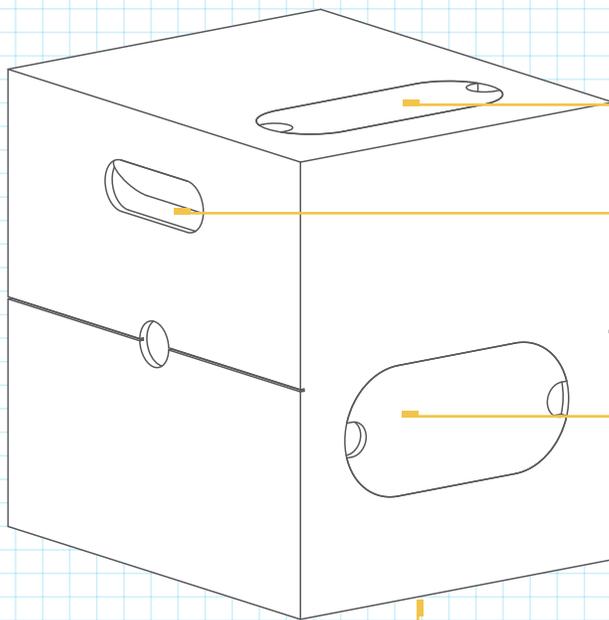


### Reinforced Box

Uniform, compact box design

Free spinning reel inside box allows for tangle free pulling

Heavy-duty plastic caddy



### Top Perfect-PULL Tear Away

Knockout allows for vertical cable pulls

### Side Handles

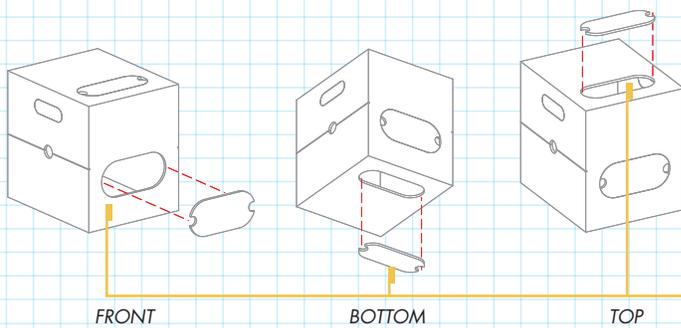
Reinforced lifting handles

### Front Perfect-PULL Tear Away

Knockout allows for easy cable pulling

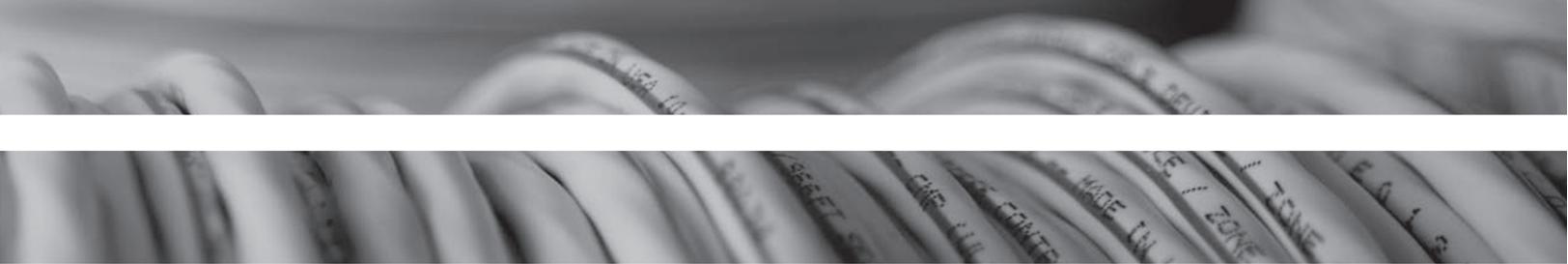
### Bottom Perfect-PULL Tear Away

Knockout allows for vertical cable pass through



### Perfect-PULL Tear Aways

Three convenient locations



# PERFORMANCE

## — RACKPACK EASY TO SET-UP, EASY TO USE

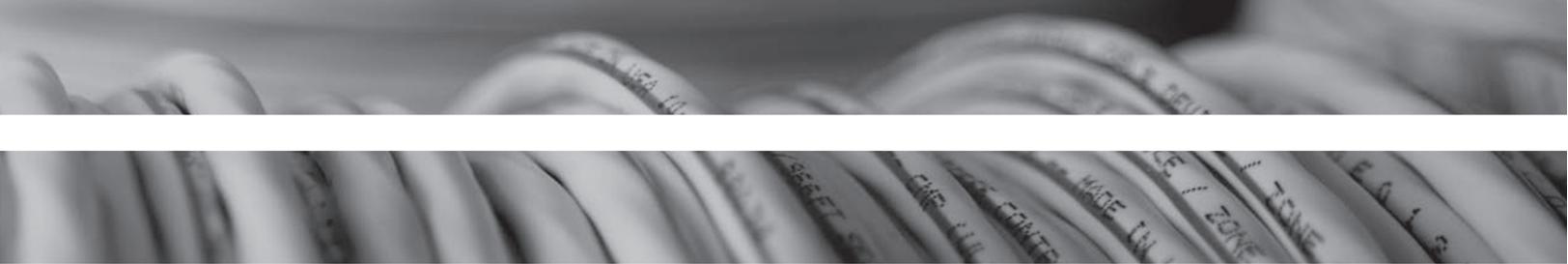
The Patented RackPack is the key component of our RackPack Field Systems Solution

Reinforced lifting handles located on each side of box



Cable feed outs located front and top of RackPack





# EFFICIENCY

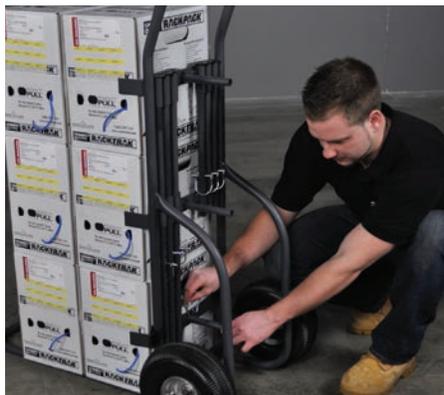
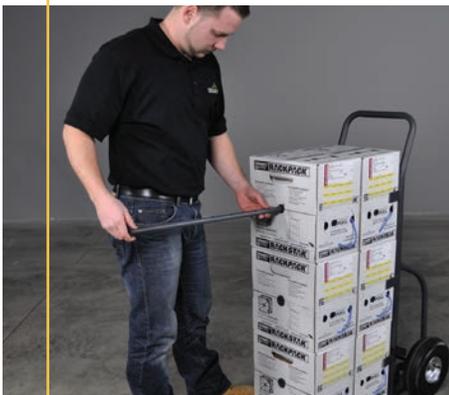
## — RACKPACK EASY TO SET-UP, EASY TO USE

The Patented RackPack is the key component of our RackPack Field Systems Solution

— Top and bottom knockouts allow for pulling multiple cables vertically through RackPacks —



— Side holes used to mount and secure RackPacks to transporters —



# QUALITY

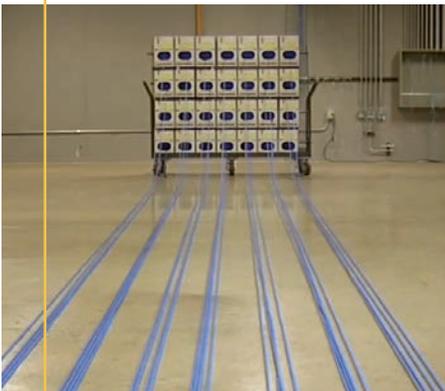
## — RACKPACK EASY TO SET-UP, EASY TO USE

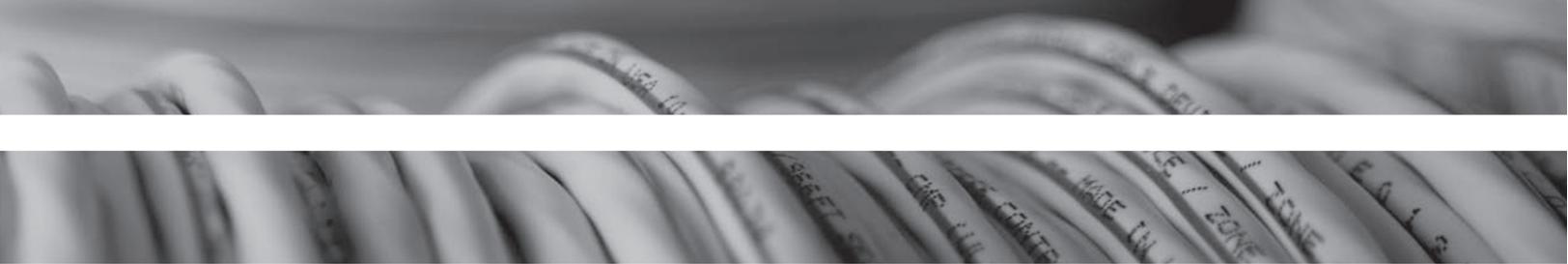
The Patented RackPack is the key component of our RackPack Field Systems Solution

Set-up RackPacks on transporter of choice



Move and pull your cable





# IMPRESSIVE



## — OVER 500 MILLION LINEAR FEET PULLED YEARLY FROM PATENTED RACKPACKS

### Why? Because it works!

- RackPack requires less force to begin and continue pulling than other reel-in-the-box products
- 48% less force to pull wire than other reel-in-the-box products
- RackPack requires 67% less force to start pulling wire through conduit than other reel-in-the-box products
- RackPack requires 70% less force to continue pulling wire through conduit than other reel-in-the-box products
- Consistency in size makes staging, storing and pulling cable predictable and predictability breeds profitability
- Patented RackPack side hole feature allows linking and mounting to all RackPack transportation devices
- The most field efficient cable pulls are achieved with RackPacks mounted to transporters
- By mounting RackPacks to a transporter almost 100% of energy exerted is applied directly to the unspooling of wire from the spool

# TECHNOLOGY

## — THE RACKPACK FIELD SYSTEMS SOLUTION

**Over 5,000 RackStaks, RackTraks and Grab-N-Gos are deployed throughout the country helping contractors and integrators save time and money on every installation!**

- Increase your safety factor on every job
- Efficient method of moving material around job site and moving cable from pull to pull
- Mount and secure your RackPacks for the best cable pull each and every time
- When RackPacks are mounted to a transporter almost 100% of energy exerted is applied to the unspooling of wire from the spool
- Non-mounted reel-in-the-box cables can be inefficient to pull because as the wire is depleted in the spooling process force is applied to the moving of the box, which means the unspooling of wire becomes more difficult

### RackStak

- Durable, lightweight and collapsible
- Mount, move and pull in excess of 6,000+ feet of RackPacked cable\*
- Easily maneuvers up or down stairs and in confined installation environments



RACKSTAK

### RackTrak

- Durable, lightweight, compact
- Mount, move and pull in excess of 12,000+ feet of RackPacked cable\*
- The RackTrak Stretch can accommodate 24,000+ feet of RackPacked cable\*



RACKTRAK

### Grab-N-Go

- Compact, lightweight and hand-held
- Mount, move and pull up to 5,000 feet of RackPacked cable\*
- Perfect for small scale installations and service work



GRAB-N-GO

\*Linear footage supported by transporter is determined by item, to get exact quantities supported please visit our RackPack Transporter Configuration Tool at [smartwire.com](http://smartwire.com)