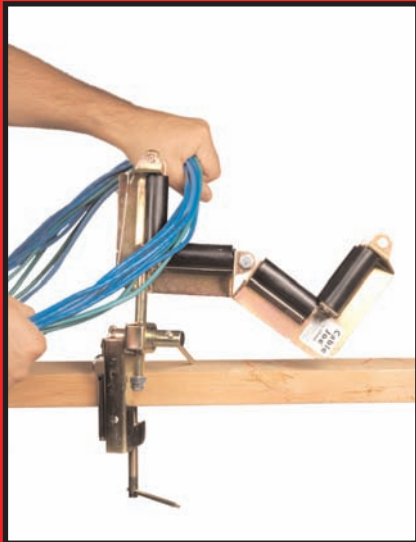


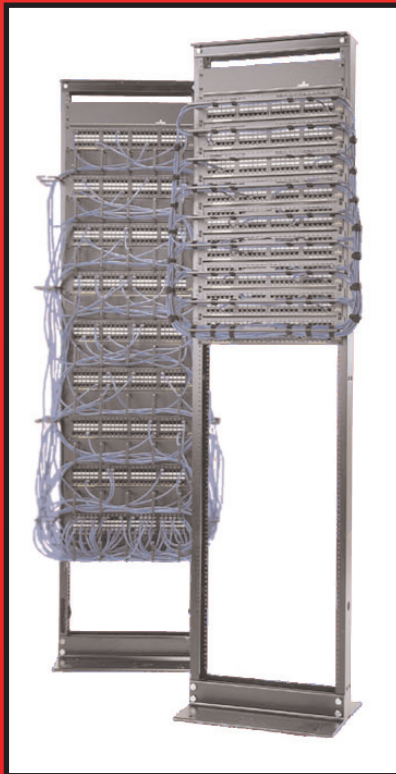
VELCRO® Tie Wraps



Bulk VELCRO® Wrap



Cable Joe



Zero-U Spacemaker



Self Adhesive Loops



Cable Hook



Rack Screws

- Protect Data Cables with VELCRO®
- Innovative Simple Solutions
- Instant Adds, Moves & Changes
- Always in stock

## Install 50% more equipment on existing racks

Both racks have the same number of ports and horizontal cable management



Saves up to 80% installation labor time and **REQUIRES NO RACK SPACE** to install. The SpaceMaker works well for both new installations or retrofits.



### PHYSICAL SPECIFICATIONS

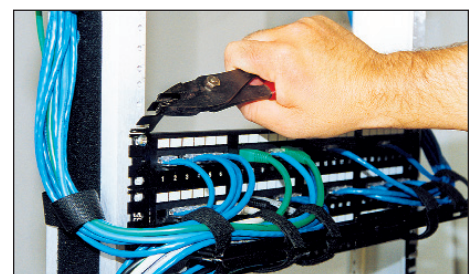
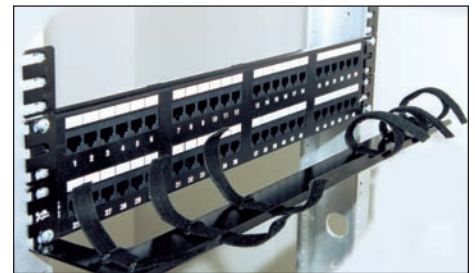
Dimensions: 5.25"H x 19.61"W x 3.75"D

Capacity: Effectively handles 24 cords or jumpers

Materials: 16 gauge steel. Black powder coat finish

Mounting: 19" rack mountable

- Saves up to 80% install labor time - **REQUIRES NO RACK SPACE - Zero-U!**
- For new installs or retrofits
- Minimum bend radius maintained with **VELCRO®**
- Cables supported out in front of metal rack - maintains port access
- Supports cables at back of rack
- No need to disconnect existing terminations - eliminates risk of moving panels, cables and electronics. Back off screws, slide unit under screw heads, re-tighten
- Cable management for 24 to 96 ports
- Knock-off mounting tabs fit all equipment - uses standard rack screw-hole pattern.
- Multiple Zero-U SpaceMakers can be mounted one on top of another or upside-down.



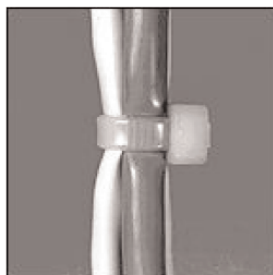
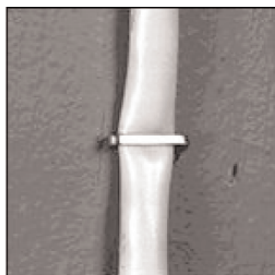
# Why Data Cables Need VELCRO® Fastening Systems

As data network demands increase, cabling must keep up. Large file transfer and high volume internet access require installed networks to perform to design specifications. BICSI Standards Committee (TIA/EIA 568-B.2-2002 standard) and all major Communication Manufacturers Certified Installer training courses recommend using VELCRO® cable ties. Nylon ties or staples compromise network performance. VELCRO® does not over cinch cable and guarantees network speed.

## NEVER DO THIS

### Rules for Pulling Cables in buildings:

1. Never bend around a corner that is 4 times the cable diameter.
2. Do NOT kink or over-twist.
3. Do NOT pull with more than 25lbs.
4. Do NOT splice one cable to another cable.
5. Do NOT use nylon ties or staples.
6. Use VELCRO® ties, support bars, or wire management systems.

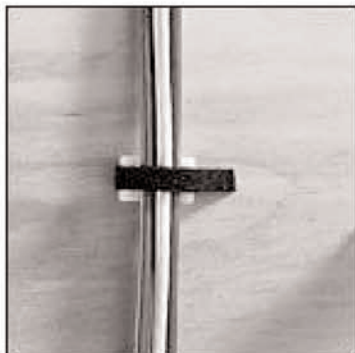


Cat 6 operates at 250MHz. Over stressing, kinking or cinching any Cat 6 cable during installation leads to poor performance. Cat 6 transmits data at 250MHz vs Cat 5E at 100MHz. Change the MHz to km/h and imagine in place of the data, you are driving your car down the highway. At 100 km/h you hit a speed bump. You are jolted but you are able to get under control and continue. Now imagine hitting the bump at 250 km/h. You would be lucky to survive the crash -- the same goes for your data.

## CABLING PROBLEMS

Cross-talk is caused when one wire pair induces its signal on another resulting in permanent damage leading to signal degradation and interference. This is caused by untwisting a pair too much, or twisting during pulling.

## VELCRO® Fastening Systems could save your Cat 6 system!



# Bulk VELCRO® Wrap

cut to length as required

- Keeps cables organized. No more tripping over unsecured cables in your office or home
- Cable wrap comes in 1/2" or 5/8" wide
- Available in 15, 75, 600, 3000 foot rolls
- Simply bundle cables, and cut VELCRO® to length as required



## PART NUMBERS 1/2 inch width

3305-15	1/2" w x 15 ft
3305-75	1/2" w x 75 ft
3305-600	1/2" w x 600 ft
3305-3000	1/2" w x 3000 ft

## PART NUMBERS 5/8 inch width

3105-1	5/8" w x 15 ft
3105-75	5/8" w x 75 ft
3105-600	5/8" w x 600 ft
3105-3000	5/8" w x 3000 ft

# Soft Cinch Lite

for fewer adds, moves changes

PART NUMBERS 1/2 inch width  
Single Roll: 1/2" w x 75 ft  
p/n 99-050-QT-1

48 rolls Case Pack 1/2" w x 75 ft  
p/n 99-050-QT-48 Case Lot

- VELCRO® wrap suited for lighter jobs or fewer adds, moves or changes
- 1/2" wide x 75 feet long
- Available in single 75 foot rolls or 48 roll case discount
- Simply bundle cables, and cut VELCRO® to length as required



# Custom Straps

even NASA uses Polygon

Polygon has for years received requests from customers worldwide to make specialty VELCRO® assemblies. NASA selected us to create custom straps for the International Space Station.

We can meet your custom requirements.

Contact us at 1-800-457-6454 or email us a drawing [sales@softcinch.com](mailto:sales@softcinch.com) or fax to 604-941-1721

# Reclosable VELCRO® Tie-Wraps

Safe and Secure

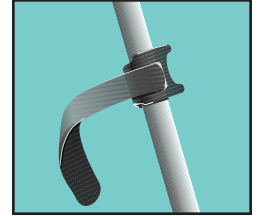
As serious as over-bending or kinking, over-cinching with hard nylon straps can deform data cables resulting in permanent damage leading to signal degradation and interference. Extra care must be used in handling fiber optic cables.

Polygon SoftCinch straps support and position cables, providing excellent cable protection without the risk of over-cinching.

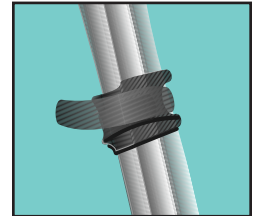
Plus - SoftCinch allows quick and easy changes for future routing.



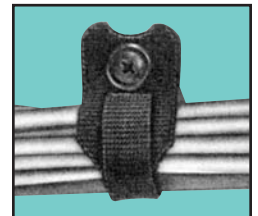
- Will not crush Category 5 or fiber optic cables
- Quick and easy installation - as simple as tie wraps
- Perfect for adds, moves, changes
- Fire retardant available for Plenum usage



Instantly attaches to cable



Group of cables gently yet firmly held together



Screw mount supports available on 8" and 12"

Available in 25 piece or BULK rolls -

5 inch:

3105-25 - 25 pieces per roll

3105-1440 - 1440 pieces on BULK roll

8 inch with X cut for screw mount:

3108-X-25 - 25 pieces per roll

3108-X-675 - 675 pieces on BULK roll

12 inch with X cut for screw mount:

3112-X--25 - 25 pieces per roll

3112-X-450 - 450 pieces on BULK roll

## Compression Strap

p/n 1015



- This cinch VELCRO® cable manager bundles up to 50 cables.
- Wide VELCRO® will not crush cables.
- Custom sizes available upon request

## Saddle Poly Ties

p/n 1022



1022-5 Saddle & 5" VELCRO® Polywrap

1022-8 Saddle & 8" VELCRO® Polywrap

1022-12 Saddle & 12" VELCRO® Polywrap

Use your own wood or metal screws.

# Reclosable VELCRO® Saddle Ties

Wood p/n 1010-10  
Metal p/n 1020-10



- Easy open and close for necessary changes
- Secures with an included #8 wood screw or 10-32 rack screw



# Adhesive VELCRO® Tie-Wraps

p/n 1225

- Self-adhesive VELCRO® pad with attached loops.
- Simple method of attaching single or small bundles of cable.
- For handling delicate fiber optics in enclosures.
- Minimum bend radius maintained.



# Plastic Hook

p/n 6644-2

- Easily suspend small bundle of cables.
- Holds up to 20 cat 5 cables
- Attach onto wall or ceiling
- 2 Pack screws included



# Desk Kit

Simple cable clean up kit

p/n 1220-1



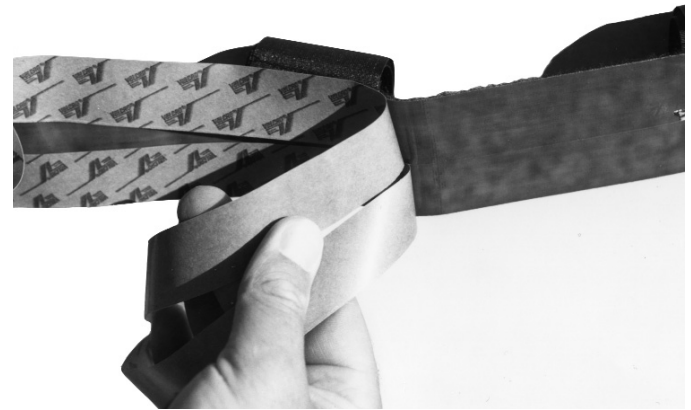
- Inexpensive desk, audio and video cable management
- Convenient peel-off self-adhesive VELCRO® for easy mounting.
- Protects cables from rolling chairs.
- Protects from janitors hitting data cables.
- Minimum bend radius maintained.
- No tools required.

## Self-Adhesive VELCRO®

Simply peel and stick

Extremely useful for all sorts of applications. If you need to attach something and then release later - Self-adhesive VELCRO® is your answer.

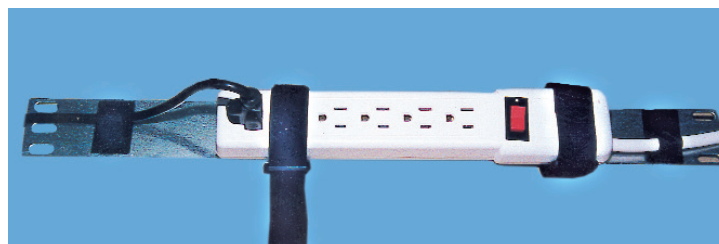
Selection available of HOOK and LOOP at [www.softcinch.com/Bulk.html](http://www.softcinch.com/Bulk.html)



## Power Bar Manager

p/n 6105

- Secure and stores power bar on rack or under desks
- Protects from accidentally turning off power to connected network.



Protect your network installations

Velcro® Cinch straps attach power bar to 19" metal bar.

The entire assembly can then be mounted more conveniently.

# Vertical Cable Manager

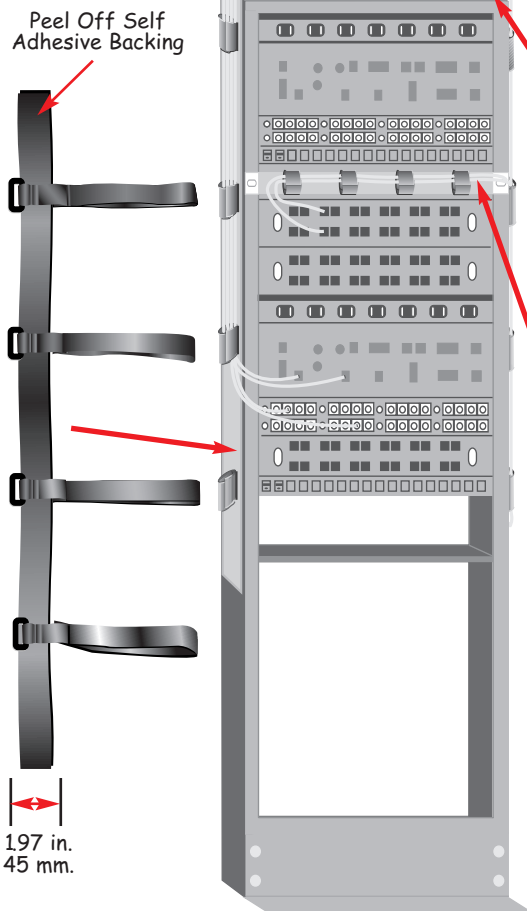
p/n 1140-1

# 1U Horizontal Cable Manager

p/n 1150-1 + 1160-1

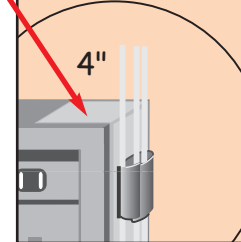
## Vertical Cable Manager

- Can't make heads or tails of your cables?
- The Vertical Cable Manager keeps cables in order!
- Simply peel the backing and attach it to your cabinet or rack.
- No more nasty tangles.
- 44" long.
- Four attached super-strong VELCRO® compression loops keep your cables securely bound.

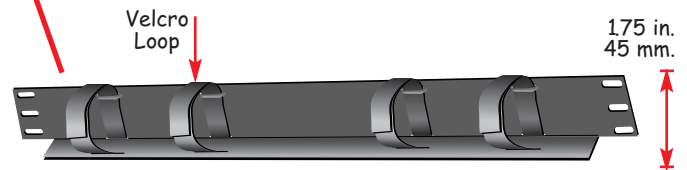


Manage cables on relay racks and cabinets. Part 1140-1 self-adhesive vertical bar with attached loops. Part 1150-1 and 1160-1 metal clad horizontal bar with attached loops.

### INSTALLATION GUIDE



Ensure self adhesive VELCRO® wraps 4" around the top of the relay rack.



Part 1150-1 for 19" Relay Rack  
Part 1160-1 for 24" Telco Rack

## Horizontal Cable Management

- Every rack needs horizontal cable management.
- Four adjustable VELCRO® loops.
- Strong and durable construction.

# Riser Compression Strap

p/n 5224-5

Keeps vertically running cable secure to wall



Comes with metal footman loops for wall attachment

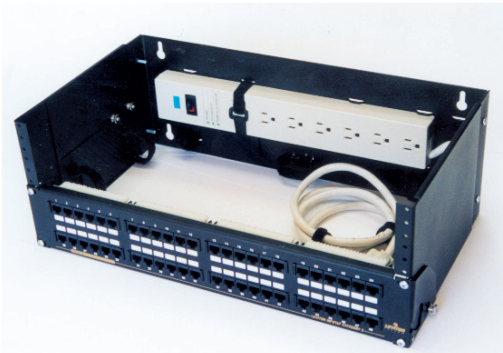
- Reclosable VELCRO® strap grips and holds vertical cable runs.
- Adjusts 3" - 9" diameter
- Pack of 5 PolyRiser Compression straps and 10 footman metal mounting loops.



# MAX-Bracket

p/n 1164-1

- The most installer friendly, fully adjustable wall mount bracket in the market for small LAN users.
- Simplifies connectivity and electronics in one convenient location
- Adjusts for various size hubs with 10-15" (230mm to 380mm ) slide depth. Hubs do not need to be removed -- unit slides to adjust for various sizes.
- 2U for modular connectivity and 2U for a hub. Flip the patch panel forward 110° allowing simple and easy termination and maintenance. When you're done, flip it back up.
- Comes with VELCRO® strips for bundling cables. Space for a power bar at the back .
- Modular and simply assembled without tools. Center back hole allows cable entry through back panel.



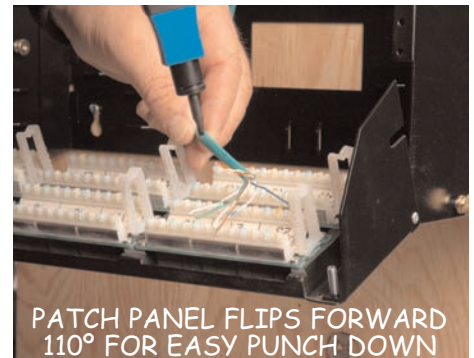
## SPECIFICATIONS:

14-gauge steel, powder coated texture black.

1.15 cubic foot shipping box.

Size: 7"H x 19.3"W x 10" to 15"D (17.8 x 49 x 25.4 to 38.1 cm)

Weight: 7.3 lb. (3.3 kg)



PATCH PANEL FLIPS FORWARD 110° FOR EASY PUNCH DOWN

# Consolidation Box

p/n 2028-1



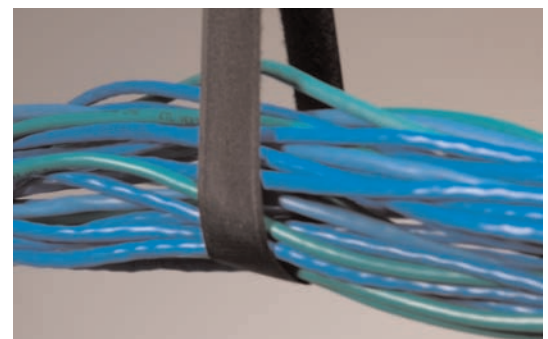
- Forms interconnect between horizontal feeder cables and distribution cables to the work area
- Lockable clasp for security.
- Easy removal of lid for cable moves, adds and changes
- Lightweight aluminum
- Plenum rated

# Reclosable J-Hook

p/n 6700



- PolySling, Plenum rated VELCRO® cable adjustable sling -- for ceilings or walls, ductwork, passing under obstructions, suspending bundles.
- Adjustable circumference holds up to an 8-inch bundle of cables.

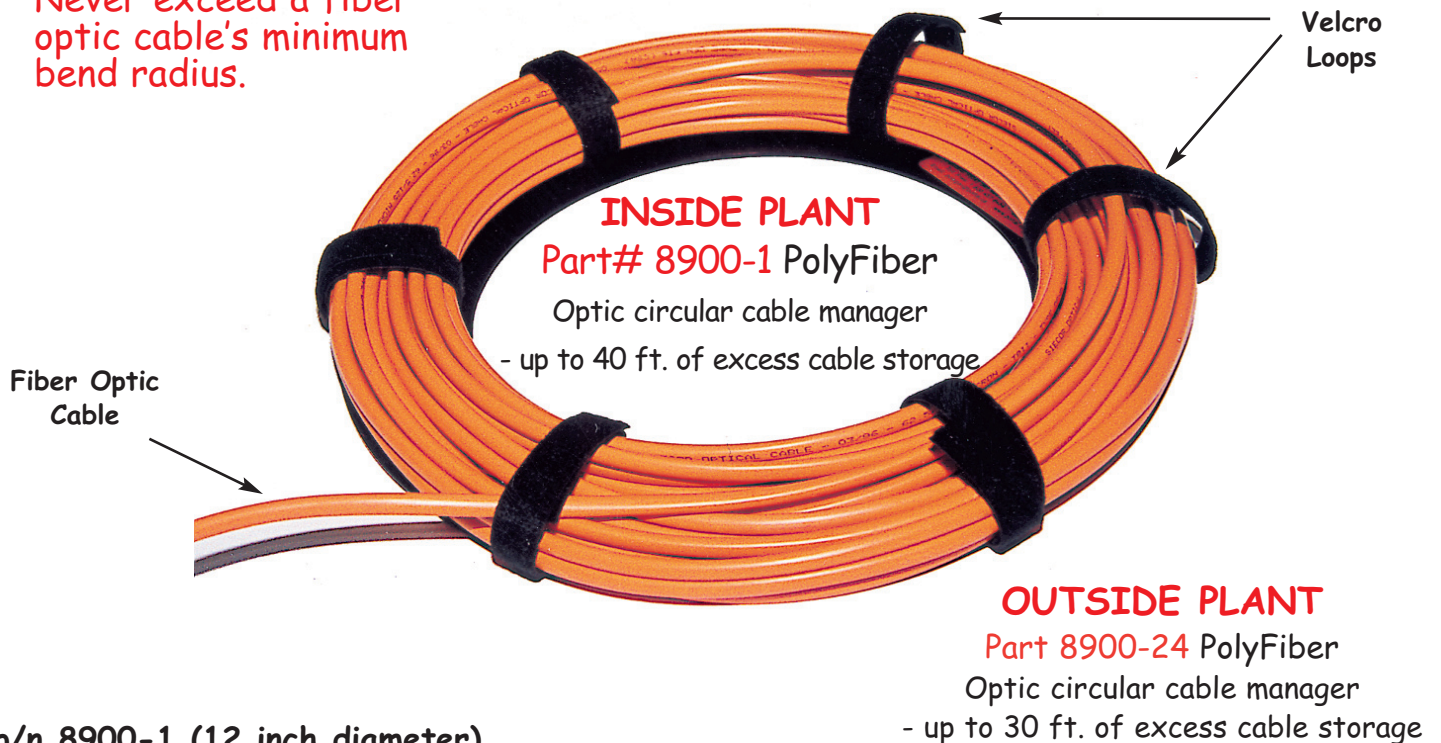


# Fiber Optic Storage Rings

p/n 8900-1 (12" dia.)  
p/n 8900-24 (24" dia.)

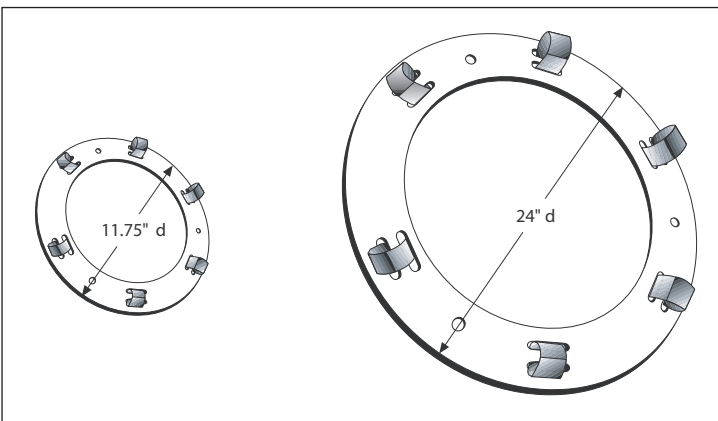
The PolyFiber optic ring maintains proper bend radius and prevents kinking in excess fiber optic cable. When more cable is required, it is simply released from the ring.

Never exceed a fiber optic cable's minimum bend radius.



p/n 8900-1 (12 inch diameter)  
For INSIDE intermediate distribution frame, main distribution frame and wiring closet

p/n 8900-24 (24 inch diameter)  
For OUTSIDE plant fiber in the entrance facility.



## PHYSICAL SPECIFICATIONS

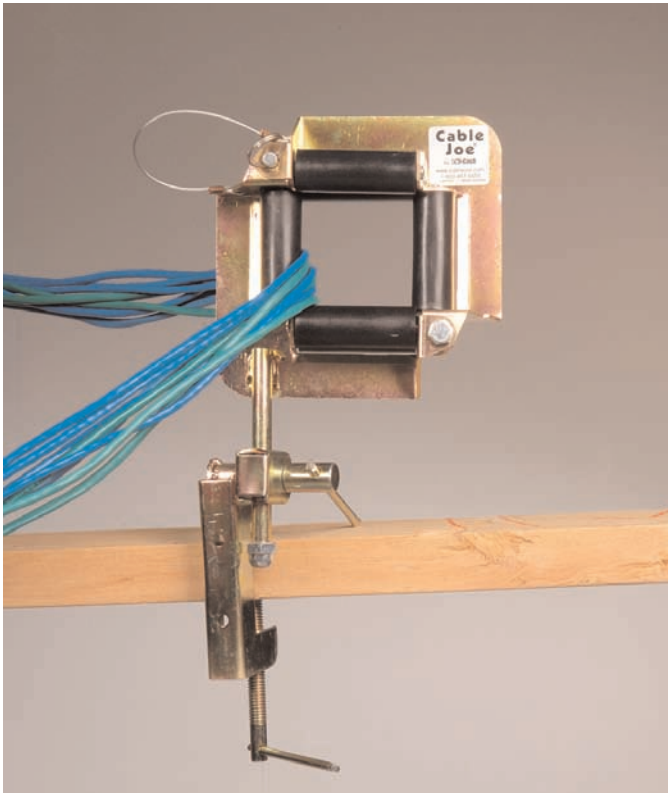
Dimensions: 12" Ring: 11.75" diameter  
24" Ring: 24" diameter

Capacity: 24" ring holds 50 feet of two-fiber  
62.5/125 mm optical fiber cable

Materials: 16 gauge sheet metal

Mounting: Mounts to wall with wood screws

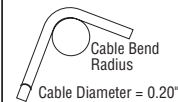
The best darn tool for pulling cables around corners



- Six nylon rollers provide smooth movement of cable and prevent cable damage.
- Pull pin makes opening and closing to insert and remove cables a simple one step operation.
- Adjustment clamp allows the Cable Joe to be swiveled and/or rotated into any position.
- Heavy duty 12 gauge cold rolled steel construction for durability and zinc dichromate finish prevents corrosion.
- Up to 20 network cables can be pulled at one time.
- Easily attaches to wooden framing members using a lag bolt and the hole in the mounting bracket of the Cable Joe.
- May also be used with coax, NM, small size THHN, and similar cables.

## Operating Tips

### Minimum Bend Radius



Maintain a maximum bend radius of 4 times the cable diameter (4-pair cables).



Never exceed a 90° bend.

### Cable Stretching

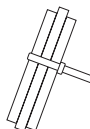


Avoid stretching the cable.

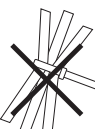


Do not exceed 25 lb. of pulling tension.

### Cable Bundling



Apply VELCRO® ties loosely and at random intervals.



Do not overtighten cable ties.

# BULK VELCRO® SALES SAVINGS

## Cut Your Costs - Buy in BULK

- VELCRO® TIE WRAPS
  - DIE CUT on bulk spools
  - UNCUT straight rolls-cut to length as required



SEE PAGES  
4 & 5 FOR  
DETAILS

- Wide selection of VELCRO® tapes
  - regular and self-adhesive
- Custom cutting available



"For more  
Information,  
give us a call."

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