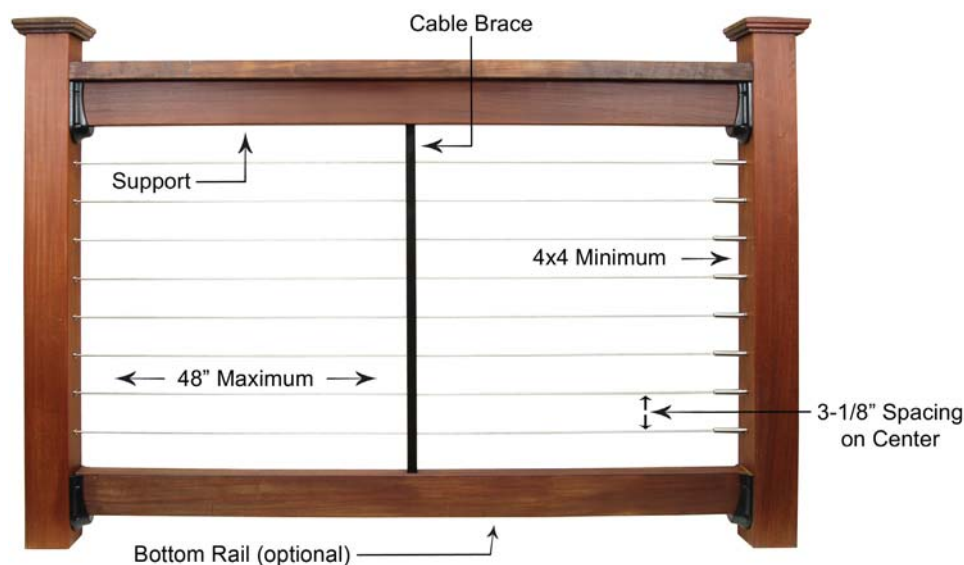


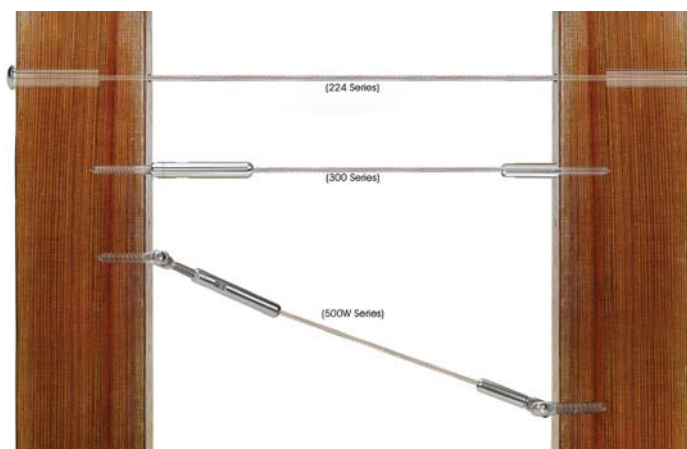
Cable Railing Overview

Framework for Cable Railing



Guidelines for proper installation of the ADI™ cable railing system by Ultra-tec.

- Use minimum 4x4 wood posts.
- Top rail is **required** to support posts. (Bottom rail is optional)
- Cables to be spaced at 3-1/8" on center.
- Cable must be supported every 48" to keep the cable from deflecting over 4" to pass code.
- Cables are to be tensioned to **225 lbs** of tension minimum.
- 36" Rail height typically uses 10 runs of cable, 42" rail height typically uses 12 runs of cable.
- Lag style cable fittings are required for cable being used with sleeved posts.
- If two posts are used on a corner of the deck, the cable can run through the corner by making a 45 degree turn through the posts.



For level runs:

224 Series (outside to outside)
2-3/8" Invisiware® Receiver
to Pull-Lock®.

300 Series (inside to inside)
Adjust-a-Body® with Hanger Bolt to
Push-Lock Lag.

For stairs, pitched runs:

500-W Series (inside to inside)
Push-Lock® with Threaded Eye and
Lag Eye to Adjust-a-Body® with
Threaded Eye and Lag Eye.

Reference Pages 278 - 284 for more Cable Railing Information



Wood Rail w/ Cable

Photo Courtesy of Marek Jedrzejewicz

Cable Railing Kits for Wood - Level



224 SERIES

Outside of Post to Outside of Post Rail Kit - Wood Post

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable with one swaged end, applicable washers, Invisiware[®] receiver, Pull-Lock[™] end fitting and end cap. Minimum of 3" clearance between end post and structure is required.

Individual Cable Kits

- Item #: 22405 - 5' Cable Kit
- Item #: 22410 - 10' Cable Kit
- Item #: 22415 - 15' Cable Kit
- Item #: 22420 - 20' Cable Kit
- Item #: 22425 - 25' Cable Kit
- Item #: 22430 - 30' Cable Kit
- Item #: 22440 - 40' Cable Kit
- Item #: 22450 - 50' Cable Kit
- Cable Kits Over 50' - Contact Customer Service



INVISIWARE[®] RECEIVER



PULL-LOCK[™] END FITTING



Recommended Drill Bit

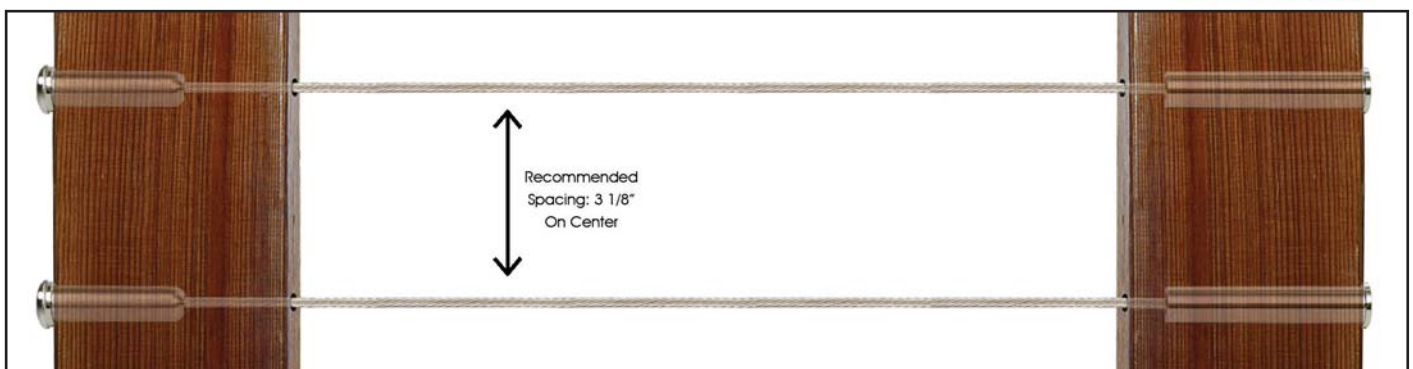
10 Pack Cable Contractor Packs

Cable contractor packs include 10 - cables with one swaged end, 10 - Invisiware[®] receivers, 10 - Pull-Lock[™] end fittings w/ end caps and applicable washers.

- Item #: 22405-10 - 5' Cable Kits
- Item #: 22410-10 - 10' Cable Kits
- Item #: 22415-10 - 15' Cable Kits
- Item #: 22420-10 - 20' Cable Kits
- Item #: 22425-10 - 25' Cable Kits
- Item #: 22430-10 - 30' Cable Kits



- Item #: CSD316 - Step Drill Bit to make 29/64" hole for fitting and 3/16" hole for cable.





Wood Rail w/ Cable

Cable Railing Kits for Wood - Level



300 SERIES



ADJUST-A-BODY[®] WITH
HANGER BOLT TENSIONER



PUSH-LOCKTM LAG



Lag Style Cable Kit for Wood - Inside Post to Inside Post

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable with one swaged end, Adjust-a-body[®] w/hanger bolt, Push-LockTM lag. This kit is designed to work for wood posts.

Individual Cable Kits

- Item #: 30005 - 5' Cable Kit
- Item #: 30010 - 10' Cable Kit
- Item #: 30015 - 15' Cable Kit
- Item #: 30020 - 20' Cable Kit
- Item #: 30025 - 25' Cable Kit
- Item #: 30030 - 30' Cable Kit
- Item #: 30040 - 40' Cable Kit
- Item #: 30050 - 50' Cable Kit

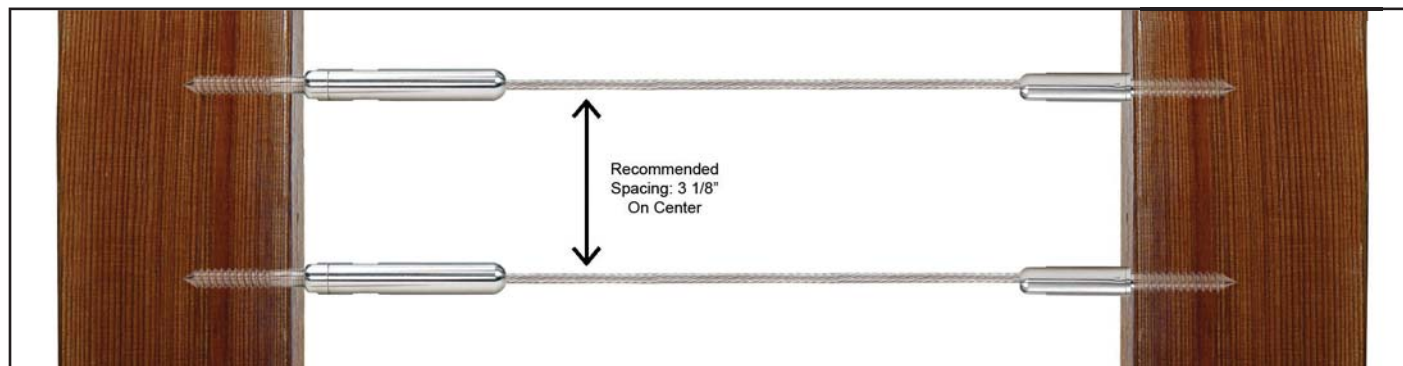
Cable Kits Over 50' - Contact Customer Service



10 Pack Cable Contractor Packs

Cable contractor packs include 10 - cables with one swaged end, 10 - Adjust-A-Body[®] tensioners, and 10 - Push-LockTM Lags

- Item #: 30005-10 - 5' Cable Kits
- Item #: 30010-10 - 10' Cable Kits
- Item #: 30015-10 - 15' Cable Kits
- Item #: 30020-10 - 20' Cable Kits
- Item #: 30025-10 - 25' Cable Kits
- Item #: 30030-10 - 30' Cable Kits

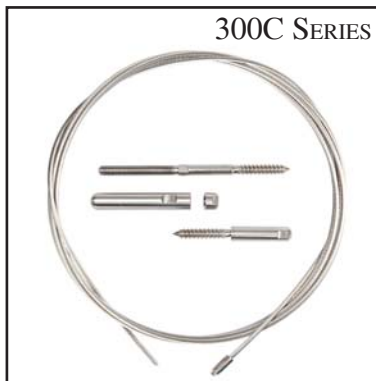


Recommended
Spacing: 3 1/8"
On Center



Composite Sleeved Rail w/ Cable

Cable Railing Kits for Composite Sleeves - Level



300C SERIES



Lag Style Cable Kit for Composite Sleeves

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable with one swaged end, Adjust-a-body[®] w/hanger bolt, Push-LockTM lag. This kit is specifically designed to work for composite sleeved posts.

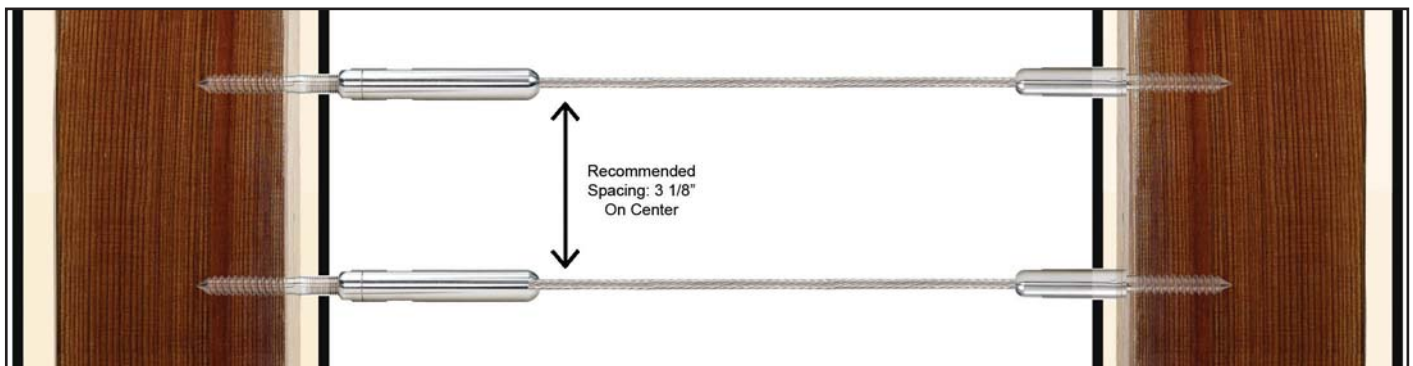
Item #: 30005C - 5' Cable Kit
Item #: 30010C - 10' Cable Kit
Item #: 30015C - 15' Cable Kit
Item #: 30020C - 20' Cable Kit
Item #: 30025C - 25' Cable Kit
Item #: 30030C - 30' Cable Kit
Item #: 30040C - 40' Cable Kit
Item #: 30050C - 50' Cable Kit
Cable Kits Over 50' - Contact Customer Service



ADJUST-A-BODY[®] WITH
HANGER BOLT TENSIONER



PUSH-LOCKTM LAG



Cable Railing Kits for Stairs / Angles

500-W SERIES

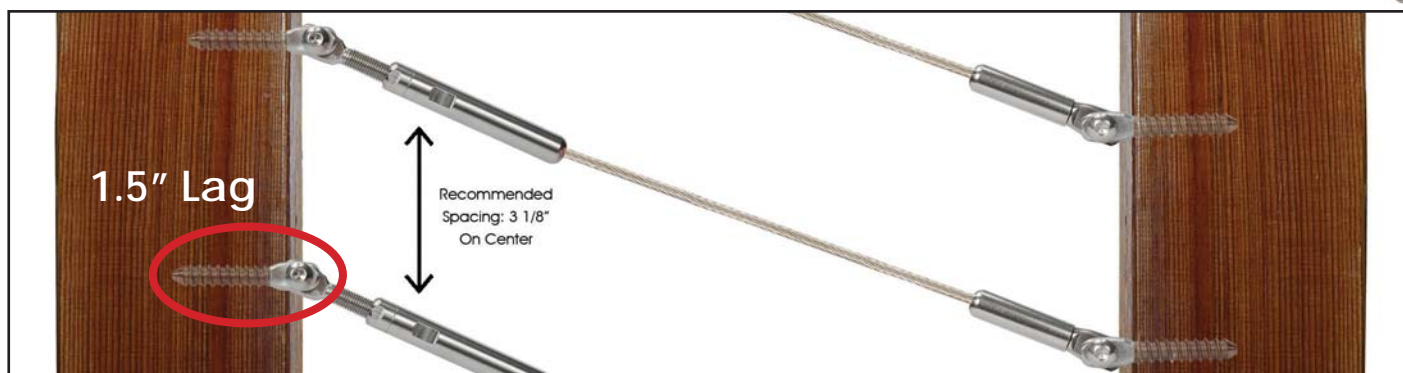


Inside of Post to Inside of Post Stair Kit for Wood Post

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable with one swaged end, Adjust-a-body[®] w/ threaded eye, and Push-LockTM w/threaded eye. 1-1/2" lag eyes included.

Item #: 50005W - 5' Stair Cable Kit
Item #: 50010W - 10' Stair Cable Kit
Item #: 50015W - 15' Stair Cable Kit
Item #: 50020W - 20' Stair Cable Kit
Item #: 50025W - 25' Stair Cable Kit
Item #: 50030W - 30' Stair Cable Kit
Item #: 50040W - 40' Stair Cable Kit
Item #: 50050W - 50' Stair Cable Kit
Cable Kits Over 50' - Contact Customer Service



500-C SERIES

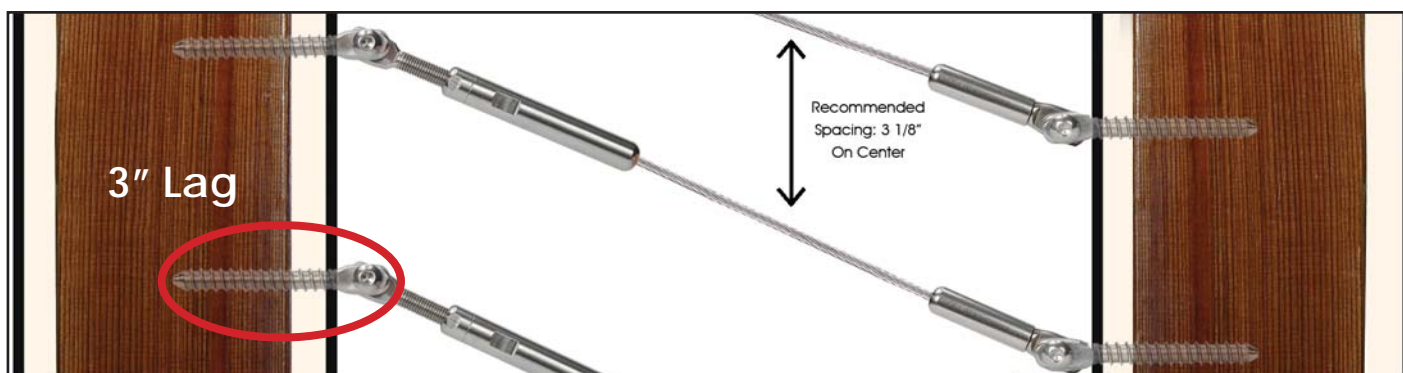


Inside of Post to Inside of Post Stair Kit for Composite Sleeves

Sold in kits.

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable with one swaged end, Adjust-a-body[®] w/ threaded eye, and Push-LockTM w/threaded eye. 3" lag eyes included.

Item #: 50005C - 5' Stair Cable Kit
Item #: 50010C - 10' Stair Cable Kit
Item #: 50015C - 15' Stair Cable Kit
Item #: 50020C - 20' Stair Cable Kit
Item #: 50025C - 25' Stair Cable Kit
Item #: 50030C - 30' Stair Cable Kit
Item #: 50040C - 40' Stair Cable Kit
Item #: 50050C - 50' Stair Cable Kit
Cable Kits Over 50' - Contact Customer Service





Available in:

Black

Anodized

Cable Brace for Level and Stair

Sold in any quantity.

3/4" Aluminum cable brace is available pre-drilled with 12 holes at 3-1/8" spacing on center for level and stair runs. Available undrilled for unique installations. Trimmable to fit any rail height. Cable braces are used between newel posts that are greater than 48" apart to keep cables from deflecting over 4". Connectors and stainless steel screws included.

Pre-Drilled 42" Level

Item # CB42BLAL13/P - Black
Item # CB42ANAL13/P - Anodized

Pre-Drilled 50" Stair

Item # CB50BL12/P - Black
Item # CB50AN12/P - Anodized

UnDrilled 42" Level or Stair

Item # CB42BLAL/P - Black
Item # CB42ANAL/P - Anodized



Pictures do not reflect full length of cable brace



300 Series Cable Railing in Wood Rail with Cable Braces

Cable Railing Tools and Accessories

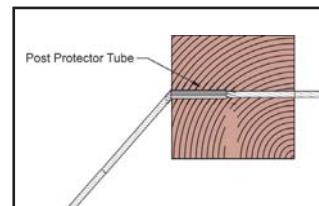


Post Protector Tubes

Sold in any quantity

Stainless Steel protector tubes are inserted into wood post where cable enters/exits at an angle to prevent cable from biting into the wood. 1/4" diameter and 3/8" tapered end.

Item #: CSTUBE - 3/4" Length - Individual
Item #: CSTUBE6 - 1-1/2" Length - Individual



Cable Cutters

Sold in any quantity.

Cable cutter designed for clean, burr free cutting of 1/8" stainless steel cable. Required for use with Push-lockTM and Pull-lockTM fittings.

Item #: C7HIT



Push Lock Release Key

Sold in any quantity.

Release key allows the release of an untensioned cable from Pull-LockTM and Push-LockTM fittings. Also used to release fittings to aid installation.

Item #: PLKEY



QuickGrip Cable Tool

Sold in any quantity.

Used to grip cable to avoid winding during installation which eliminates the most common issue of cables losing tension. Tool is recommended for single installations.

Item #: QUICKGRIP



Cable Railing Tools and Accessories



Cable Gripping Pliers

Sold in any quantity.

Used to securely grip cable to avoid winding during installation which eliminates the most common issue of cables losing tension. Cable gripping pliers are recommended for professional installers.

Item #: PLIERS



Push-Lock Lag Driver

Sold in any quantity.

Huge time saving tool makes installing the Push-Lock lag fitting quick and easy. Used with 300 series cable kits.

Item #: DRIVER-PLLAG/R



ADI™ Cable Railing Basic Install Kit

Sold as a Kit.

Installation tools for basic cable railing installations. Kit includes 29/64", 9/32", 1/4" and 5/32" diameter high quality Norseman drill bits, 2 cut off wheels w/ mandrel, push lock release tool, 3/16" heavy duty hex wrench, 1/8" hex wrench, 7/16" wrench and QuickGrip cable tool.

Item #: ADICRKIT



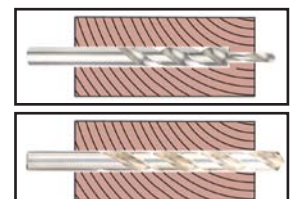
Cable Railing Drill Bits

Sold in any quantity.

For wood posts to make 29/64" hole for Invisiware receiver / Pull-Lock fittings. Step drill bit creates a 3/16" hole for the cable using a single drill bit.

Item #: CSD316 - ADI Step Drill Bit (29/64" to 3/16")

Item #: 29/64DRILL - 29/64" Drill Bit



Cable Railing Tools and Accessories



Hanger Bolt Driver

Sold in any quantity.

1/2 Drive hardened steel socket, makes driving hanger bolts fast and effortless.
For use with 300 series cable kits.

Item #: HB6N/R - Hanger Bolt Driver



Hanger Bolt Driver - Heavy Duty

Sold in any quantity.

Innovative concentric design allows for fast installation or removal of hanger bolts.
For the professional installer. Requires 1/2" socket drive. For use with 300 series cable kits.

Item #: HB6DRIVER/R - Heavy Duty Hanger Bolt Driver



EZ-Clean Metal Cleaner / Protectant

Sold in any quantity.

Cleaner / Protector dissolves minor corrosion and leaves a protective coating that lasts for months. Includes 8 oz. rust and stain remover and 4 oz. bottle of protectant.

Item #: EZCLEAN

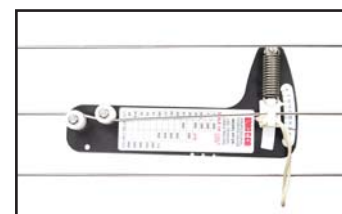


Cable Tension Gauge

Sold in any quantity.

Used to determine proper tension of cables.

Item # PTCR - Tension Gauge



Cable Railing Kits for Metal Posts

Cable railing kit, made in USA from 1/8" high quality 316 grade stainless steel includes 1 strand of cable w/swage, applicable washers, Invisiware[®] receiver, Pull-Lock[™] end fitting and end cap. Minimum of 3" clearance between end post and structure is required. 29/64" hole diameter required for end posts to accommodate fittings.

212 Series Cable for 1-1/2" Metal Posts

Cable railing kit consists of 1-1/2" Invisiware receiver, 1-1/2" pull-lock fitting, delrin washers and 1 strand of cable.

Item #: 21205 - 5' Cable Kit
Item #: 21210 - 10' Cable Kit
Item #: 21215 - 15' Cable Kit
Item #: 21220 - 20' Cable Kit
Item #: 21225 - 25' Cable Kit



232 Series Cable for 2" Metal Posts

Cable railing kit consists of 2" Invisiware receiver, 2" pull-lock fitting, delrin washers and 1 strand of cable.

Item #: 23205 - 5' Cable Kit
Item #: 23210 - 10' Cable Kit
Item #: 23215 - 15' Cable Kit
Item #: 23220 - 20' Cable Kit
Item #: 23225 - 25' Cable Kit



252 Series Cable for 3" Metal Posts

Cable railing kit consists of 3" Invisiware receiver, 3" pull-lock fitting, delrin washers and 1 strand of cable.

Item #: 25205 - 5' Cable Kit
Item #: 25210 - 10' Cable Kit
Item #: 25215 - 15' Cable Kit
Item #: 25220 - 20' Cable Kit
Item #: 25225 - 25' Cable Kit



* PLEASE ENSURE THAT METAL POSTS BEING USED ARE RATED FOR CABLE *