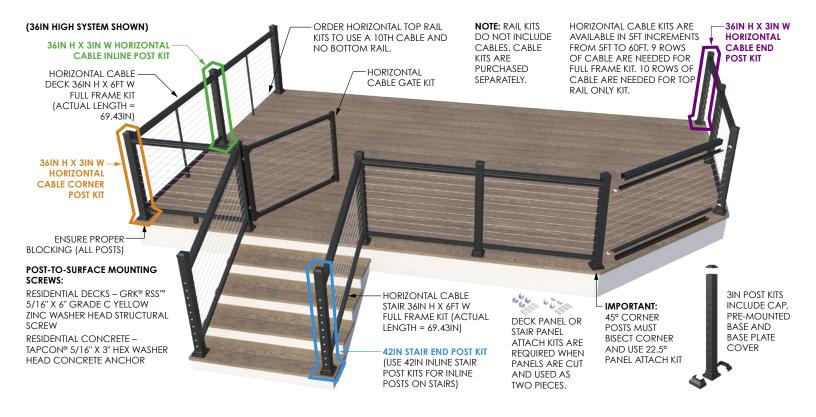
HORIZONTAL CABLE RAILING OVERVIEW



NOTE: HORIZONTAL FULL FRAME / HORIZONTAL TOP RAIL KITS DO NOT INCLUDE CABLE, CABLE KITS ARE PURCHASED SEPARATELY.





Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36in or 42in. Never span posts more than 8ft on center for cable railing systems. Always ensure there is proper blocking under each post as per diagram above and as per installation instructions. Read installation instructions and view installation videos to get a complete understanding of how the Williams products assemble.

IMPORTANT NOTES:

- Actual cable panel sizes: 6ft Panels = 69.43in; 8ft Panels = 91.31in.
- 3in posts are required to reach 6ft & 8ft lengths.
- Cable stair railing panels will accommodate 30-40° stair angles.
- 42in H post kits are required for middle and bottom stair posts when installing a 36in H railing system.
- 48in post kits are required for middle and bottom stair posts when installing a 42in H railing system.
- 45° deck angles require 22.5°clips applied to each side of the post. The 22.5° clip kit is sold SEPARATELY.
- Two 3in posts are recommended on top of deck surface if stair riser is not at a 90° angle from deck frame.



HELPFUL ORDERING INFORMATION:

- Cable frame kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a Deck Panel Attach Kit must be purchased.
- Anchors and fasteners to secure posts to concrete or wood are NOT INCLUDED in kits.
- 3. Maximum post spacing on deck for horizontal cable railing is 8ft on center.

HORIZONTAL CABLE RAILING PLANNER

Just for both level and stair applications. Actual lengths: 6ft kits = 69.43in, 8ft kits = 91.3 in, mosts are required to reach 6ft and 8ft lengths. Cable kits and Posts sold Separately.	WHAT YOU WILL NEED	Q	YTG	BLACK	WHITE	BRONZE
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		hors		2327302 s		

S=Stocked in Stores D=Menards Distribution Center M=Special Order

TOOLS RECOMMENDED FOR INSTALLATION



Cordless Drill (hammer drill for concrete)



Level



Tape Measure and Pencil



Safety Glasses



Bar Clamps



Miter Saw (with nonferrous blade)



84-Tooth Nonferrous Blade



5/16in and 5/8in Drill Bits

(for LED Lighting application)



6in #2 Square Drive Bit



Horizontal Cable Tool Kit



Cable Gripper Tool



Stainless Steel Cable Cutter

RECOMMENDED POST-TO-SURFACE HARDWARE

WOOD OR COMPOSITE DECKING

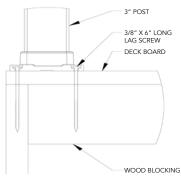


GRK® RSS™ 5/16in x 6in Grade C Yellow Zinc Washer Head Structural Screw

Residential applications only. Available at Menards.

SKU: 2300203

Stocked in stores.



CONCRETE APPLICATIONS



Tapcon® 5/16in x 3in Hex Washer Head Concrete Anchor Residential applications only. Available at Menards.

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