

# WEST PENN WIRE



## MAXBLOX- TERMINAL BLOCK

CN-MX15F- Female to Terminal Block

CN-MX15M- Male to Terminal Block

CN-MX915H- Hood

CN-MX15F

The MaxBlox™

CN-MX15M (male) and CN-MX15F (female)

Professional cable and panel mount high density 15 pin (HD15) VGA connectors that feature a rugged, new, patentpending design. Along with genuine the Phoenix Contact terminal blocks that dramatically reduce installation time and cost by eliminating the need for soldering or crimping, the unique sled-type bottom allows these connectors to slide, snap and lock into the patent-pending MaxBlox™ CN-MX915H hood (sold separately) for a secure, rugged and solderless cable mount connection.

The CN-MX915H hood can also be used in panel mount applications for extra strain relief and can be added to the connector before or after the termination process. It can even be added after it has been mounted to a panel. When used in panel mount applications without a hood, these low profile connectors are less than 1" behind a plate. These connectors are perfect for VGA through UXGA applications where field termination is necessary.

The CN-MX15M and CN-MX15F's terminal block contains 10 clearly labeled screw terminals for R, G, B, H & V and their respective grounds. Each terminal accommodates cable sizes ranging from 16 AWG to 30 AWG. A high resolution five conductor coax cable like 5CRGB should be used when wiring these connectors.

The MaxBlox™ CN-MX915H hood accommodates wire diameters from .125" to .500" and has a strain relief pull specification of up to 50lbs for the .500" cable and up to 15lbs for the .125" cable.

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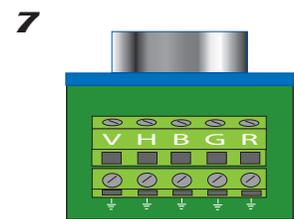
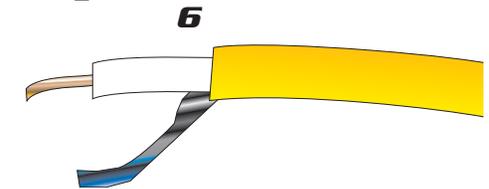
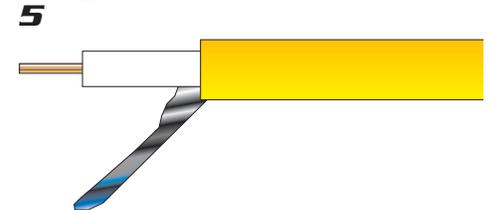
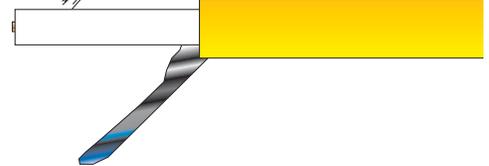
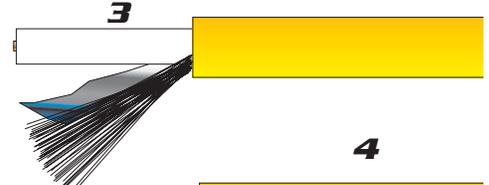
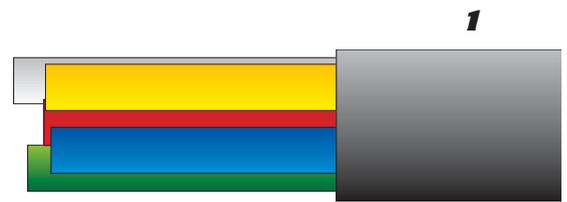
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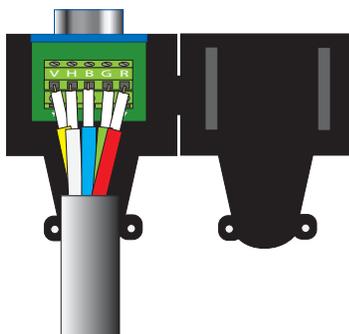
# MAXBlox- Screw Terminal HD15 Termination

## CN-MX15M and CN-MX15F

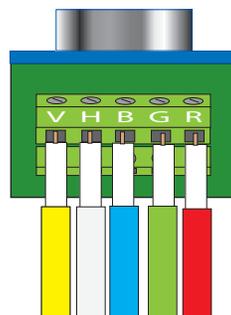
1. Strip Overall Jacket 1.5".  
Cut ripcord
2. Strip Individual RGBHV Coaxial Jackets 3/4".
3. Release spiral shield and foil from the dielectric.
4. Twist shields to form a conductor
5. Strip 1/4" of dielectric to expose the center conductor
6. Bend the coax to fit properly into the connector
7. Unscrew terminal screws on the connector
8. Feed Yellow coax center conductor (V) into slot - screw tightly
9. Feed Yellow coax shield (GND) into slot -screw tightly
10. Continue screwing the center conductors and shields into the appropriate slots.
11. Align Coaxial cables straight in the connector.
12. Slide the connector into the hood (CN-MX915H)
13. Close Hood Lid- until the hood snaps into place.
14. Screw down the back of the hood onto the cable jacket.



**12 -13- 14**



**11**



**8 -9- 10**

