

CD-MX15M



CD-MX15F

Part Number	List Price
CD-MX15M (male)	\$16.95 ea.
CD-MX15F (female)	\$16.95 ea.
CD-MX915H (MaxBlox™ hood)	\$2.59 ea.

DESCRIPTION:

The MaxBlox™ CD-MX15M (male) and CD-MX15F (female) by BTX Technologies are professional cable and panel mount high density 15 pin (HD15) VGA connectors that feature a rugged, new, patent-pending 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™ CD-MX915 hood for a secure, rugged and solderless cable mount connection. The CD-MX915 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 CD-MX15M and CD-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 Belden 1279R should be used when wiring these connectors. The MaxBlox™ CD-MX915 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. A termination guide can be found on the reverse side of this sheet.

Part #	CD-MX15M (Male)	CD-MX15F (Female)
-3dB Bandwidth:	>345 MHz	>345 MHz
Contact Insertion Loss:	.63dB @ 100 MHz	.71dB @ 100 MHz
Contact Return Loss:	20.49 dB @ 100 MHz	20.1 dB @ 100 MHz
Contact VSWR:	<1.21:1 up to 100 MHz	<1.22:1 up to 100 MHz
Contact Resistance:	7milliohms	7milliohms
Insulation Resistance:	7 x 105 Megaohms	7 x 105 Megaohms
Max Current:	5A	5A

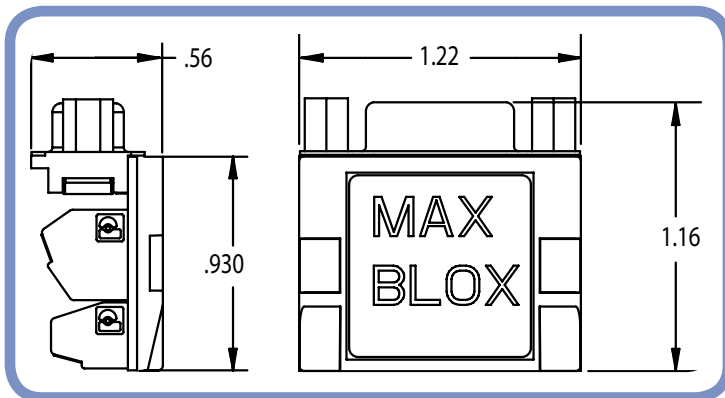
*MaxBlox hood sold separately.



Features:

- Rugged new patent-pending design with genuine Phoenix Terminal Blocks
- Accepts cable size range 16 AWG to 30 AWG
- Terminates with just a screwdriver
- Designed for use with VGA-UXGA signals
- Mounts in the MaxBlox™ CD-MX915 hood or a wall plate with an HD15 punch
- MaxBlox™ CD-MX915 hood works in both cable and panel mount applications
- Low profile - less than 1" behind the plate without the hood
- Dramatically reduces installation time & costs
- Requires no soldering or crimping

Dimensional Drawing(s):



BTX CD-MX15 SERIES CABLE STRIPPING AND INSTALLATION GUIDELINE



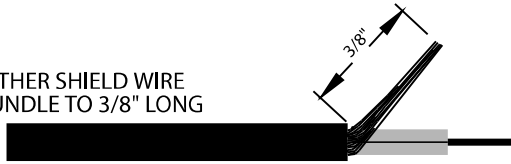
1) STRIP OFF OUTER JACKET 1 INCH



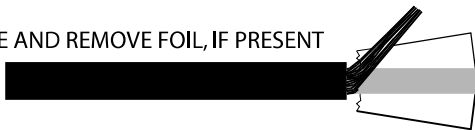
2) STRIP INDIVIDUAL COAX JACKETS 1/2 INCH



3) SEPARATE AND GATHER SHIELD WIRE TOGETHER, TRIM BUNDLE TO 3/8" LONG



4) TWIST SHIELD WIRE AND REMOVE FOIL, IF PRESENT



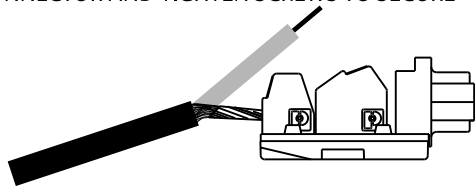
5) STRIP MAIN INSULATION 3/16 INCH



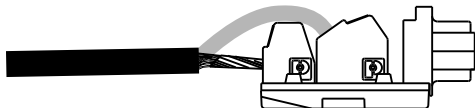
6) ARRANGE WIRES IN CABLE AS SHOWN

FEMALE
MALE

7) INSERT ALL SHIELD CONDUCTORS INTO GROUND ROW CONNECTOR AND TIGHTEN SCREWS TO SECURE



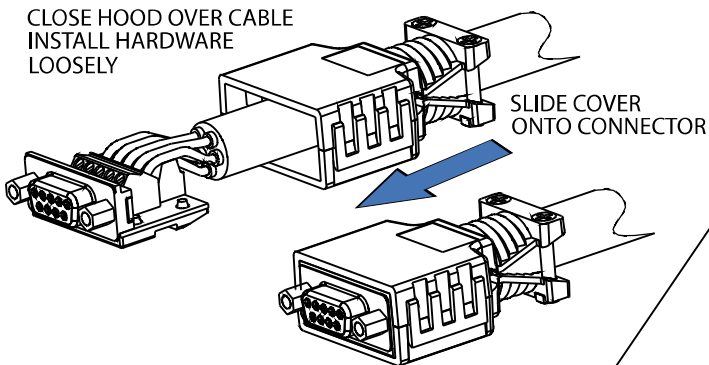
8) INSERT ALL CENTER CONDUCTORS INTO SIGNAL ROW CONNECTOR AND TIGHTEN SCREWS TO SECURE



9) INSTALL CD-MX915H HOOD ONTO CONNECTOR/CABLE

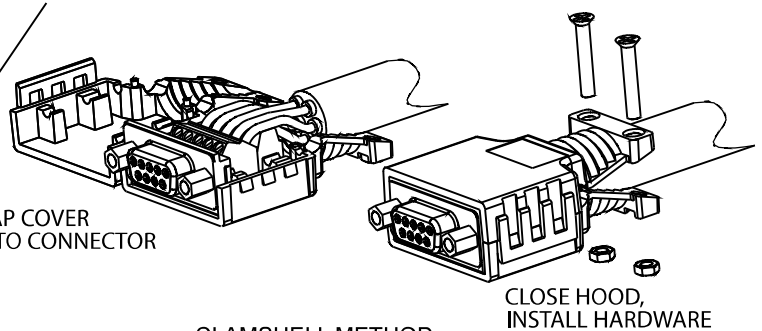
CLOSE HOOD OVER CABLE
INSTALL HARDWARE
LOOSELY

SLIDE COVER
ONTO CONNECTOR



SLIDE AND CLICK METHOD

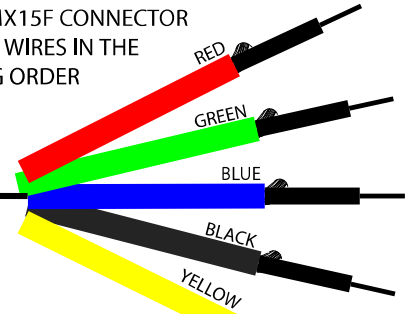
SNAP COVER
ONTO CONNECTOR



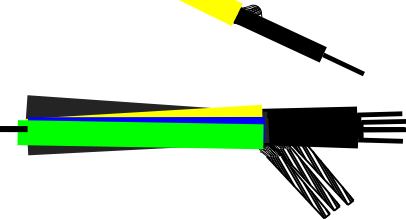
CLAMSHELL METHOD

6F) FOR CD-MX15F CONNECTOR
CONFIGURE WIRES IN THE
FOLLOWING ORDER

TOP VIEW



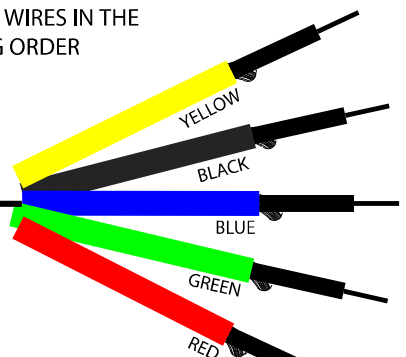
SIDE VIEW



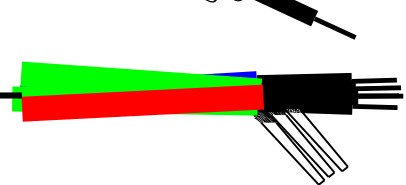
THE SHIELD WIRES SHOULD ALL BE FACING
DOWNWARD AS SHOWN (AWAY FROM TOP)

6M) FOR CD-MX15M CONNECTOR
CONFIGURE WIRES IN THE
FOLLOWING ORDER

TOP VIEW



SIDE VIEW



THE SHIELD WIRES SHOULD ALL BE FACING
DOWNWARD AS SHOWN (AWAY FROM TOP)

THIS GUIDE IS SHOWN USING BELDEN 1279R CABLE, OTHER TYPES OF CABLE MAY HAVE SLIGHTLY DIFFERENT CHARACTERISTICS. PLEASE USE THE TECHNIQUES AND DIMENSIONS SHOWN ON THIS GUIDE. THIS CONFIGURATION IS SHOWN AS A VGA HOOKUP. USE THE DIMENSIONS SHOWN AS A GUIDELINE FOR OTHER STYLES OF MaxBlox HOOKUP.

