BTX®

Beyond Distribution

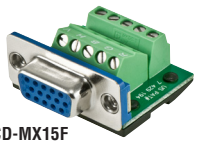
2015 INTERNATIONAL CATALOG

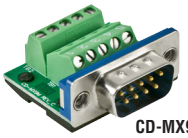
www.btx.com

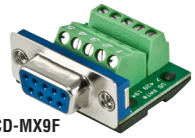
Award Winning **MaxBlox®**

The MaxBlox® Solderless HD15 and DB9 EZ termination system features a patented design that is better, faster and stronger than anything else on the market. Manufactured with genuine Phoenix Contact terminal blocks for a truly reliable connection, these larger blocks make it easier to terminate while still keeping the connector compact. MaxBlox dramatically reduces installation time and cost by eliminating the need for soldering or crimping and the unique sled-type bottom allows these connectors to slide, snap, and lock into the patented MaxBlox® CD-MX915H hood for a secure cable mount connection. When used in panel mount applications these low profile connectors are less than 1" behind a plate.

CD-MX15M


CD-MX15F


CD-MX9M


CD-MX9F

Part #	Description
CD-MX15F	HD15 (f) to terminal block
CD-MX15M	HD15 (m) to terminal block
CD-MX9F	DB9 (f) to terminal block
CD-MX9M	DB9 (m) to terminal block
CD-MX915H	Hood for MaxBlox D-Subs
CD-MX915HH	Half-Hood for MaxBlox D-Subs
TD-MXSD	Screwdriver for MaxBlox Series

Features:

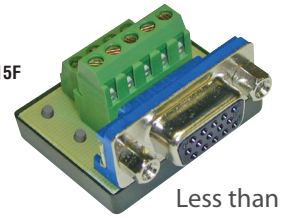
- Rugged patented design with genuine Phoenix Contact terminal blocks
- Accommodates 16-30 AWG wire
- HD15 designed for use with VGA-UXGA signals.
- HD15 connectors exhibit > 345MHz bandwidth
- HD15 contact insertion loss (.63db for male, .71db for female) @ 100MHz
- HD15 contact return loss (20.49db for male, 20.1db for female) @ 100MHz
- DB9 designed for use with RS-232 & RS-422 signals
- Low profile - less than 1" behind the plate
- Dramatically reduces installation time & costs
- Requires no soldering or crimping
- Includes shoulder screws and hex standoffs

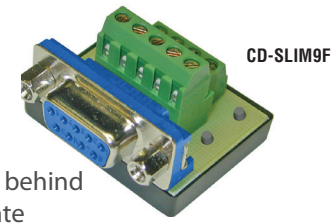
Solderless "SLIM" HD15 and DB9 Panel Mount Connectors

Professional panel mount connectors with rear terminal block connections in place of the standard solder or crimp connection.

Features:

- Takes up less than 1" behind plate
- High resolution 5 conductor coax recommended
- Clearly labeled screw terminals
- HD15 perfect for VGA, SVGA, XGA
- DB9 ideal for RS-232 and RS-422 signals


CD-SLIM15F


CD-SLIM9F

Less than 1" behind the plate

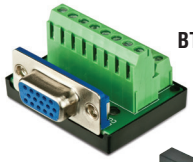
Part #	Description
CD-SLIM15F	"Slim" Solderless HD15 female
CD-SLIM15M	"Slim" Solderless HD15 male
CD-SLIM9F	"Slim" Solderless DB9 female
CD-SLIM9M	"Slim" Solderless DB9 male

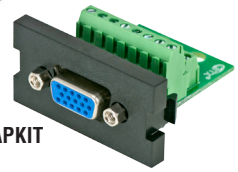
CD-SLIM15F & CD-SLIM9F

These "Slim" connectors are perfect for wall plates, floor boxes, or applications where depth is an issue. These HD15 and DB9 panel mount connectors take up less than one inch behind a plate. Includes shoulder screws and hex standoffs for device or panel mounting.

Solderless "SLIM" HD15 DDC (all 15 pins wired)

The BTX SLIM DDC HD15 Panel Mount Female, comes with a rear terminal block that includes all 15 pins. Unlike our standard HD15 SLIM connector (10 conductor-video only), the SLIM DDC allows you to easily screw down all 15 conductors for applications that require Display Data Channel (DDC) communication as well. Ideal for use with WV-RGB62P.


BTX-SLIM15FDDC


BTX-SLIM15SNAPKIT

Features:

- Includes all 15 pins for DDC
- Accommodates 16-30 AWG wire
- Low Profile – around 1" behind the plate
- Requires no soldering or crimping
- Dramatically reduces installation time and costs
- Includes hex standoffs for plate & panel mounting

"EZDVI" DVI-A to 5 BNC Breakout

This DVI adapter cable comes in handy when you need to breakout DVI to RGBHV. DVI-A(m)-5 BNC(f) 75Ω.

Features:

- Made with low-loss cable & 75Ω female BNCs
- Easily mounts in a wall plate or panel
- 1 ft. long

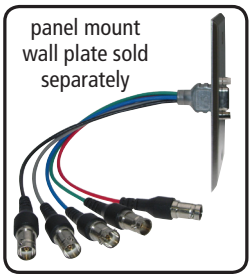
YD-EZDVI

"EZVGA" HD15 to 5 BNC Breakout Assemblies

Our professional, low-loss breakout cables feature a high density 15 pin D-sub male or female on one end, and five 75Ω female BNCs on the other end.

- Made with low-loss cable & 75Ω female BNCs
- 0.9 meter (3 ft.) and 1.8 meter (6 ft.) made with overall outer jacket and 15cm (6 inch) fan out
- Easily mounts in a wall plate or panel

Part#	Description
YV-EZVGA	30cm (1 ft.) HD15 male to 5 BNC female breakout
YV-EZVGAFX	15cm (6") HD15(f) to 5 BNC(f) no hood threaded 4/40 jackscrew for wall plate mounting



EZ-RJ45® CAT5e, CAT6, RJ11-12 Connectors

The CD-EZRJ455E connector simplifies twisted-pair terminations by allowing the wires to be inserted through the connectors and out the front. This allows the technician to easily verify the proper wiring order. Reduces scrap, no wasted crimps.

- Works with solid or stranded wire
- Simple one piece design... no bars or liners
- FCC compliant, UL rated
- Use in CAT5e compliant data networks
- Easy to verify wire sequence
- Faster terminations

Part#	Description
CD-EZRJ455E	EZ-RJ45 plug for CAT5e, each
CD-EZRJ11	EZ-RJ11/12 plug, each
CD-EZRJ456	EZ-RJ45 plug for CAT6, each
CD-EZRJ456S	EZ-RJ45 for shielded CAT6, each
CD-EZ5SB	Snagless boot for EZ-RJ45, each
CD-EZRJ456SEG	EZ CAT5e/6 Shielded Plug with External Ground, bag of 50
CD-EZ6SB	Snagless boot for EZ-RJ45 CAT6, each
CD-EZ6BOOT	Strain relief boot for EZ-RJ45 CAT6 connectors, each
TD-EZRJPROHD	Heavy Duty Crimp and Strip Tool for all EZ-RJ connectors (shown above)
TD-EZRJ45BL	Replacement Blades for EZ-RJ Crimp Tool

EZ CAT5e/6 Shielded Plug with External Ground, does NOT work with EZ RJ45 Strain Relief Boots

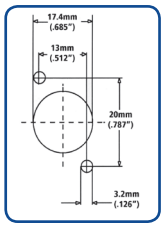
CD-EZ6BOOT or CD-EZ6SB is required when using CAT6 or shielded CAT6 connectors

Sheilded EZ CAT6 connector with snagless boot shown

Solderless Mini-Din Connector

Solderless S-Video

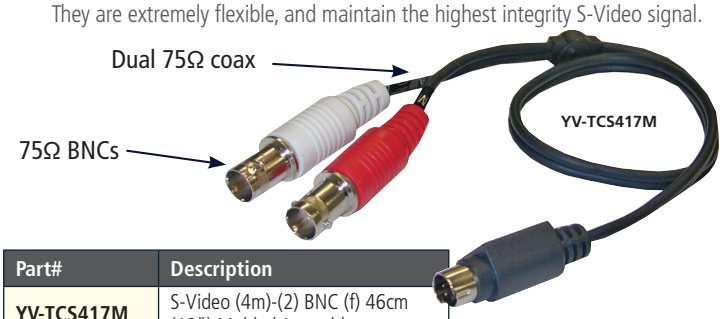
These solderless panel-mount S-Video female to terminal block connectors are installed world-wide. Terminates in under 2.5 minutes.



Part#	Description
CV-TCS415PST	4 Pin Mini-Din (f) S-Video to Terminal Block Panel Mount Connector

S-Video Adapter

These professional adapter assemblies use low-loss, dual 75Ω coax. They are extremely flexible, and maintain the highest integrity S-Video signal.



Part#	Description
YV-TCS417M	S-Video (4m)-(2) BNC (f) 46cm (18") Molded Assembly

Bulkhead Mini-Dins

Panel Mount (female-female). Easily front mounts in a wall plate or panel with a 12.7 mm D punch. Only 33 mm long.

Part#	Description
CV-MD4FFGR	4 Pin Mini-Din (f) Gold
CV-MD4FFN	4 Pin Mini-Din (f) Nickel
CV-MD6FFGR	6 Pin Mini-Din (f) Gold

CV-MD4FFGR
(4 pin Gold)

3.5mm Stereo Mini Panel Mount Connector

Panel Mount Stereo 3.5mm Female to Female Bulkhead

Our metal 3.5mm stereo panel mount female to female mounts in a 9.525 mm round hole. Perfect for use in wall plates or panels for professional or computer audio.

- All metal connector
- Mounts in 9.525 mm round hole

CA-35FFSP (nickel)

VIDEO / AUDIO / CONTROL
PROBLOX®

The ProBlox plugs and receptacles house 16 HD-video contacts and 26 audio/control contacts. This ratio allows countless combinations of HD15, DB9, BNC, RCA, XLR, 3.5mm, terminal blocks, etc… The system is completely customizable based on your requirements. Load only the contacts you need, or fill it completely for future expansion. BTX can manufacture a system to your specs or you can terminate it yourself with a simple set of tools shown on the next page.

See the instructional video on our YouTube channel (btxtechnologies).

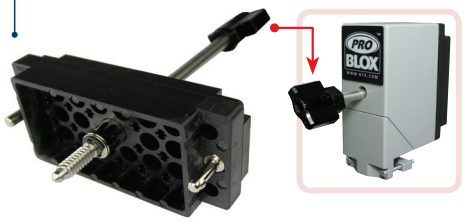
VIDEO / AUDIO / CONTROL / DATA
PROBLOX®-D

The patented ProBlox–D is a field terminatable system to incorporate multiple data, HD video, audio, and control signals in a single connector.

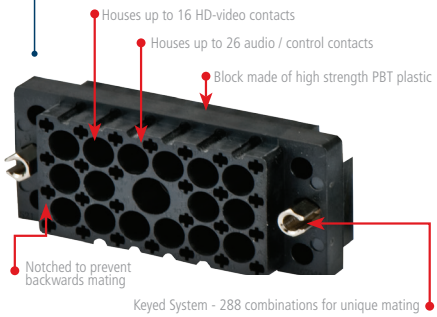
ProBlox–D is similar to our original ProBlox connector above, but has the added ability to handle data over CAT5e. Along with 16 HD-video contacts and 18 audio/control contacts, it houses 2 CAT5e connections. This allows you to take advantage of all signal types, including HDMI, DVI, VGA and Ethernet. All of these signals can effectively be run over 1 or 2 CAT5e cables using standard baluns, making ProBlox–D the ultimate "podium style" connector.

ProBlox - Plug/Receptacle/Hood (For ProBlox-D® components, refer to chart below)

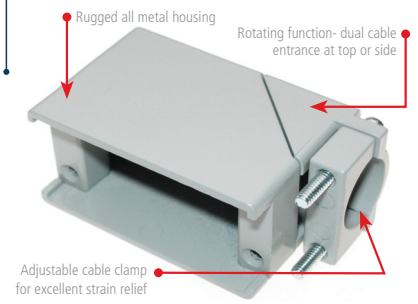
PLUG: CV-PB42P - (Optional dust cap available. CV-PB42DC)
Knob version for quick & easy hand tightening to receptacle



RECEPTACLE: CV-PB42R
When panel mounting this receptacle, a hood is not nesscessary.



HOOD: CV-PBH - (accepts max cable bundle OD of 0.88˝ x 0.90˝)
CV-PBHL - (accepts max cable bundle OD of 1.05˝ x 0.90˝)



PROBLOX	
CV-PB42P	**PLUG:** ProBlox plug with knob, houses female coaxial contacts. 16 video, 26 audio/control
CV-PB42PSC	**PLUG:** ProBlox plug with slotted screw, houses female coaxial contacts. 16 video, 26 audio/control
CV-PB42R	**RECEPTACLE:** ProBlox receptacle, houses male coaxial contacts. 16 video, 26 audio/control
CV-PBH	**HOOD:** Hood for ProBlox, accepts max cable bundle OD of 0.88" x 0.90"
CV-PBHL	**HOOD:** Hood for ProBlox, provides larger opening when using side entrance. Accepts max cable bundle OD of 1.05" x 0.90"
CV-PB42DC	Tethered dust cap for ProBlox (optional)
CV-PBPHK	Panel mounting hardware kit (optional)
PROBLOX-D	
CV-PB50P	**PLUG:** ProBlox-D plug with knob, houses female coaxial contacts. 16 video, 18 audio/control, 2 CAT5e
CV-PB50R	**RECEPTACLE:** ProBlox-D receptacle, houses male coaxial contacts. 16 video, 18 audio/control, 2 CAT5e
CV-PBDH	**HOOD:** Hood for ProBlox-D
CV-PB50DC	Tethered dust cap for ProBlox-D (optional)
CV-PBPHK	Panel mounting hardware kit (optional)

PROBLOX® & PROBLOX®-D CONTACTS

VIDEO CONTACTS: The coaxial contacts for the ProBlox & ProBlox-D system features an all-crimp 3 piece design. These true 75 ohm contacts have excellent electrical performance up to 3 GHz and are ideal for VGA up to uncompressed HD video applications.

There are currently two versions available: one for Belden's miniature 75 ohm serial digital 1855A, 1855P cable (or equivalent), and one for mini hi-res cable. We recommend using our own WV-RGB5P mini hi-res but it does work with many other cables as well.

After being terminated to the cable, the female contact inserts into the plug with actuating screw and the male contact inserts into the receptacle with locknut. For complete coaxial contact termination instructions, please view our video on YouTube.

VIDEO Contacts:

Male

Female

Part #	Description
CV-PBVCM2	Male coaxial contact for BTX-RGB5P mini hi-res (or equivalent) - sold in bags of 10
CV-PBVCF2	Female coaxial contact for BTX-RGB5P mini hi-res (or equivalent) - sold in bags of 10
CV-PBVCMG	Male coaxial contact for Belden 1855A (or equivalent) - sold in bags of 10
CV-PBVCFG	Female coaxial contact for Belden 1855A (or equivalent) - sold in bags of 10

Features:

- True 75 ohm impedance
- 3 GHz bandwidth
- All-crimp 3 piece design
- Gold plated contact areas
- Male Contacts - return loss 25dB to 3 GHz
- Female Contacts - return loss 21dB to 3 GHz
- Heavy duty crimp ferrule for increased strength
- Separate contact works with Belden 1855A, 1855P and equivalents
- Separate contact works with BTX WV-RGB5P mini hi-res and equivalents

AUDIO/CONTROL CONTACTS:

The plug and receptacle utilize the same unisex audio/control contacts which have the unique ability to mate with themselves. Choose between the solder or crimp style versions. The crimp style pin requires the use of a tool to terminate. Insertion and extraction tools are also available for easy insertion and removal of these pins.

Crimp version: CA-PBAC

Audio/Control crimp contact, unisex - sold in bags of 100

Solder version: CA-PBAS

Audio/Control solder contact, unisex - sold in bags of 100

PROBLOX & PROBLOX-D TOOLS

TV-PBCCT

Indent crimp tool handle and reversible male/female positioner for coax center contact pin.

TV-PA1302

Paladin crimp tool handle for use with coax contacts. Both dies listed below work with this handle.

TV-PA2652 & TV-PA2648

The TV-PA2652 Paladin crimp die is for use on the ferrule of RGB5P (mini hi-res) coax contacts & the TV-PA2648 Paladin crimp die is for use on the ferrule of 1855A coax contacts.

TV-PBPDG

To ensure proper coax contact mating, use this required pin depth gauge.

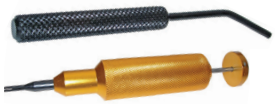
TV-PBEXTF & TV-PBEXTM2

The TV-PBEXTF extraction tool is for female coax contacts and the TV-PBEXTM2 extraction tool is for male coax contacts.

TA-516280201

Crimp tool for audio and control contacts.

TA-516280300 & TA-516280400



The TA-516280300 is the required extraction tool for audio/control contacts and the TA-516280400 is the insertion tool for audio/control contacts.

High Speed w/Ethernet

These rugged everyday cables support uncompressed digital video, multi-channel audio and allow 3D over HDMI when connected to 3D devices. Manufactured with gold plated HDMI (type A to type A) connectors, these assemblies support 4K x 2K and 1080p video resolutions with a data speed transfer rate that exceeds 10.2 Gbps.

Part Number	Description
BTX-HDMM01	HDMI male to male 1'
BTX-HDMM03	HDMI male to male 3'
BTX-HDMM06	HDMI male to male 6'
BTX-HDMM10	HDMI male to male 10'
BTX-HDMM12	HDMI male to male 12'
BTX-HDMM15	HDMI male to male 15'
BTX-HDMM20	HDMI male to male 20'
BTX-HDMM25	HDMI male to male 25'
BTX-HDMM35	HDMI male to male 35'
BTX-HDMM50	HDMI male to male 50'

Long Run High Speed

These Long Run High Speed HDMI cables not only go up to 65 feet without the use of repeaters, they support up to 1080p HDTV resolutions. They incorporate gold plated connectors and a high quality wire construction that maintains high definition video resolutions plus multi-channel digital audio. These heavy duty cables are rugged yet extremely flexible.

Part Number	Description
YD-HDXL24	HDMI male to male 24'
YD-HDXL32	HDMI male to male 32'
YD-HDXL49	HDMI male to male 49'
YD-HDXL65	HDMI male to male 65'

Plenum w/Ethernet

These HDMI plenum rated cables are high–performance cables with molded HDMI connectors at both ends. HDMI standard supports high–definition video plus multi–channel audio in a single cable. High quality, heavy duty 24AWG wire is used in this cable. It is strongly recommended to use strain reliefs at the base of each HDMI connector.

Part Number	Description
BTX-HDMMP25	Plenum HDMI male to male 25'
BTX-HDMMP35	Plenum HDMI male to male 35'
BTX-HDMMP50	Plenum HDMI male to male 50'

Ultra Thin - Long Run with RedMere Chip

HDMI Cables powered by RedMere Technology are 25% of the size of a standard HDMI cable. Because they are light and ultra-thin, they are easier to bend, route and without sacrificing signal quality.

Part Number	Description
BTX-HDRM12	RedMere HDMI male to male (36 AWG) 12'
BTX-HDRM15	RedMere HDMI male to male (36 AWG) 15'
BTX-HDRM20	RedMere HDMI male to male (30 AWG) 20'
BTX-HDRM25	RedMere HDMI male to male (30 AWG) 25'
BTX-HDRM35	RedMere HDMI male to male (30 AWG) 35'
BTX-HDRM50	RedMere HDMI male to male (28 AWG) 50'
BTX-HDRM60	RedMere HDMI male to male (28/26 AWG) 60'
BTX-HDRM75	RedMere HDMI male to male (28/26 AWG) 75'
BTX-HDRM100	RedMere HDMI male to male (24 AWG) 100'

HDMI Pigtail Adapters

HDMI Adapters	
BTX-HDFFPT	HDMI (f-f) 6" Pigtail Adapters - **NEW** (to the left)
HUB-HDT	HDMI Panel mount coupler with 3" tail and locking HDMI (to the right)

Hitachi Cable's Optical Active HDMI® Cable

Hitachi's Optical Active HDMI cable delivers exceptional performance:

- Available up to 100 meters
- 1080p, deep color and 3D / 4k2k up to 100 meters
- UL listed and Plenum rated
- No additional power required

Part Number	Description
HIT-15100M020BKA01	Optical HDMI Cable - 20 Meters
HIT-15100M030BKA01	Optical HDMI Cable - 30 Meters
HIT-15100M040BKA01	Optical HDMI Cable - 40 Meters
HIT-15100M050BKA01	Optical HDMI Cable - 50 Meters
HIT-15100M070BKA01	Optical HDMI Cable - 70 Meters
HIT-15100M100BKA01	Optical HDMI Cable - 100 Meters

HitachiCable
Empowering Energy & Communication

High Speed – Micro

Part Number	Description
BTX-HD3003	HDMI Micro (type D) male to HDMI (type A) male 3'
BTX-HD3006	HDMI Micro (type D) male to HDMI (type A) male 6'
BTX-HD3012	HDMI Micro (type D) male to HDMI (type A) male 12'

These assemblies allow you to stream media, watch videos and view documents from a SmartPhone with a Micro HDMI output onto a display with an HDMI input. They feature gold plated HDMI (type A to type D) connectors, support 4K x 2K and 1080p video resolutions and support 3D and additional color spaces. UL listed.

High Speed w/Ethernet – Mini

Part Number	Description
BTX-HD5001	HDMI Mini (type C) male to HDMI (type A) male 1.6'
BTX-HD5003	HDMI Mini (type C) male to HDMI (type A) male 3.3'
BTX-HD5006	HDMI Mini (type C) male to HDMI (type A) male 6.5'
BTX-HD5010	HDMI Mini (type C) male to HDMI (type A) male 9.8'
BTX-HD5201	HDMI Mini (type C) male to HDMI (type A) female 10''
BTX-HD5103	HDMI Mini (type C) male to male 3.3'
BTX-HD5106	HDMI Mini (type C) male to male 6.5'
BTX-HD5110	HDMI Mini (type C) male to male 9.8'

These assemblies allow you to connect cameras or camcorders with a Mini HDMI output to a display with an HDMI or Mini HDMI input. They feature gold plated HDMI (type A to typeC) or HDMI (type C to type C) and supports 3D, Ethernet & audio return channel, multi-channel digital audio, deep color, HDCP and CEC controls.

High Speed w/Ethernet - Flat / Swivel

Part Number	Description
BTX-HD4103	HDMI male to male 3'
BTX-HD4106	HDMI male to male 6'
BTX-HD4112	HDMI male to male 12'
BTX-HD4125	HDMI male to male 25'

These Flat High Speed with Ethernet assemblies are extremely flexible and can be used in places where round jacket assemblies just don't fit. They also have the added benefit of a swivel connector at each end. Ideal for use behind displays or anywhere space is limited. Connector head swivels 180 degrees. They support uncompressed digital video, multi-channel audio and allow 3D over HDMI when connected to 3D devices and include an HDMI Ethernet Channel which allows for a 100 Mb/s Ethernet connection between the two HDMI connected devices. These assemblies also support 4K x 2K and 1080p video resolutions with a data speed transfer rate that exceeds 10.2 Gbps.and additional color spaces. UL listed.

BTX Plates & Panels

On-Time • Pro Quality • Done Right

BTX is recognized worldwide as a leader in connectors and connector design. And when it comes to our metalwork, BTX applies the same precise attention to detail as we do with our own connector designs. When you order custom plates and panels from BTX, you get the highest quality metalwork in the industry.

Plus, we have millions of dollars of connectors in our inventory ready to be loaded into your custom plates and panels immediately. This is unique in the industry, and it means amazingly fast turnaround on your custom work–typically 2-5 days!

So, how do you get started? Send us a CAD drawing, or download a free copy of our **BTX Pro Plate & Panel Designer software** at…

http://tinyurl.com/btxprosoftware

It's the most simple, full-featured plate and panel software available – fully loaded with all the connector symbols you need for A/V, broadcast and data applications.

TURN THIS…

…INTO THIS

Making this happen has never been easier:

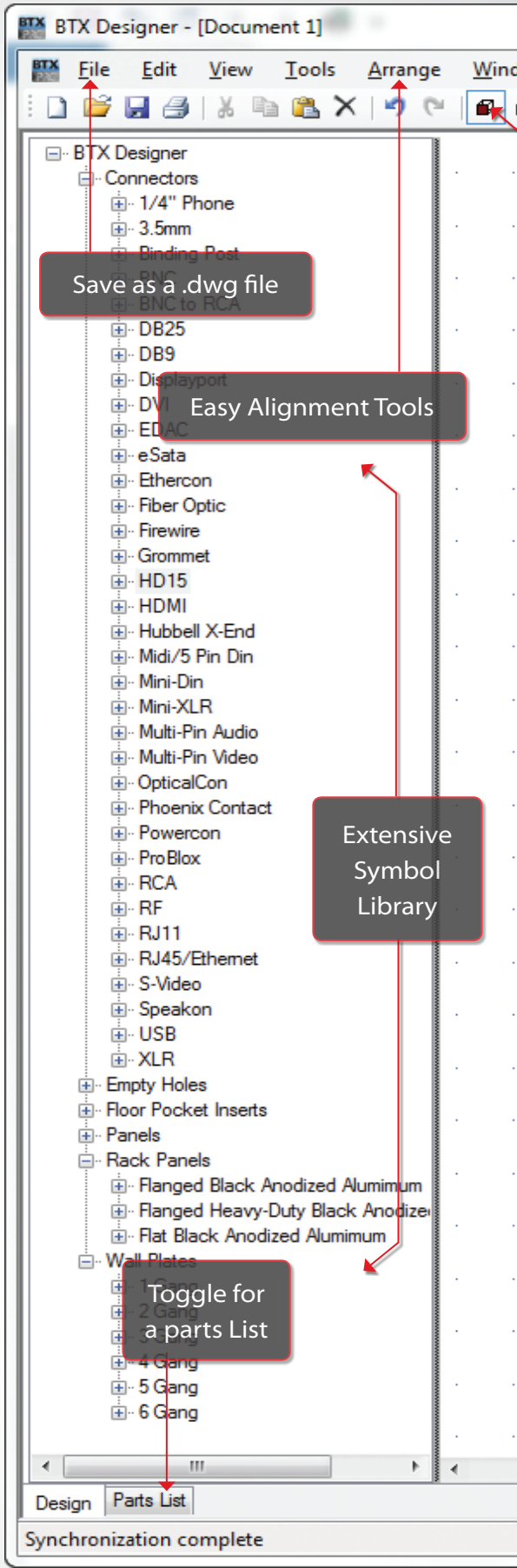
Step 1: Download the FREE software at http://bit.ly/btxprosoftware

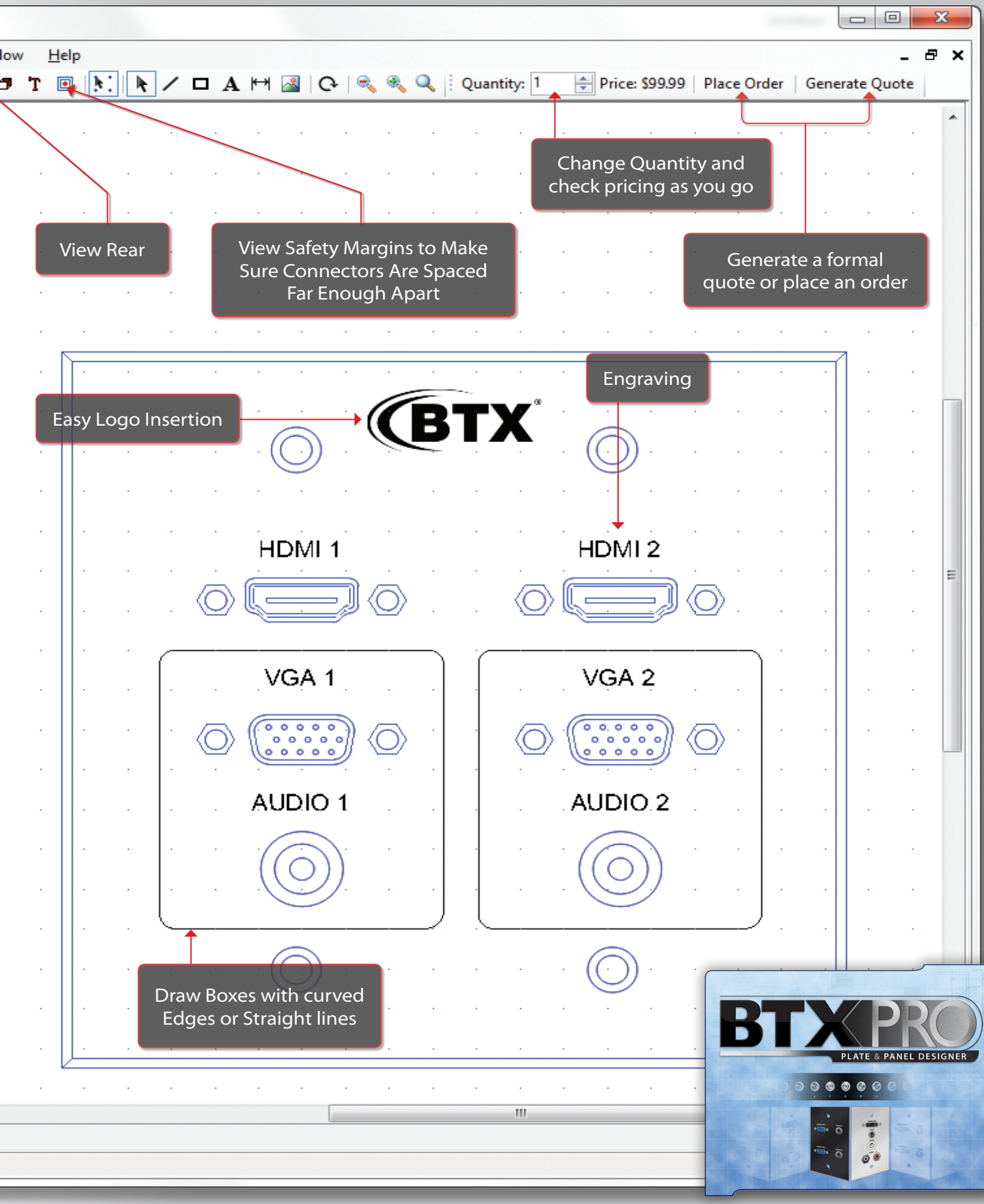
Step 2: Drag a plate or panel from our symbol library onto the canvas

Step 3: Start designing!

Step 4: Approve the price shown in real time and decide on either a formal quote or place an order – it is really that simple!

Step 5: Save your file in a .dwg format for reorders or to import into your CAD software.




Help
Quantity: 1
Price: $99.99
Place Order
Generate Quote
Change Quantity and check pricing as you go
View Rear
View Safety Margins to Make Sure Connectors Are Spaced Far Enough Apart
Generate a formal quote or place an order
Engraving
Easy Logo Insertion
BTX
HDMI 1
HDMI 2
VGA 1
VGA 2
AUDIO 1
AUDIO 2
Draw Boxes with curved Edges or Straight lines

BTXPRO
PLATE & PANEL DESIGNER

BTX PRO PLATES & PANELS

For Your Custom Plates & Panels – We Provide LOTS of Choices

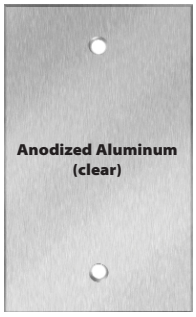
BTX Pro Plates and Panels – On Time • Pro Quality • Done Right!

If you need custom plates and panels; look no further. BTX is recognized worldwide as the leader in connectors and connector design. We stock all of the most popular connectors from manufacturers like Neutrik and Switchcraft, plus we also feautre our full line of award-winning, solderless BTX connectors. So what does that mean for you? All for easy inclusion in your custom BTX Pro Plate and Panel designs.

BTX Pro Plates and Panels Options and Benefits:

- Color laminated aluminum in white, black, red, green, blue and yellow
- Expert engraving
- Logos
- Custom sizes
- Quick turn around quotes and production

When you order custom plates and panels from BTX, you'll not only be guaranteed the highest quality connectors, but you'll get it done right, on time, every time.



Standard Anodized Aluminum

These 1/8" anodized aluminum plates feature beveled 1 /16" edges at 45 degree angles for a beautiful, professional look. They are available with custom engraving in Black or Clear in 1, 2, 3, 4, 5, and 6 gang.

Stainless Steel

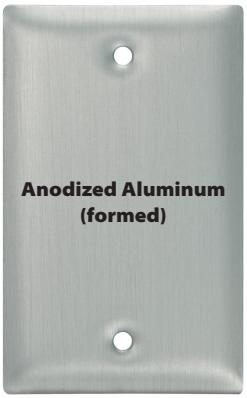
Our 20 gauge stamped and formed stainless steel wall plates are available in 1, 2, 3, and 4 gang.

Color Laminated Aluminum

Our laminated aluminum plates are available in White, Black, Red, Green, Blue and Yellow. These plates feature a unique two layer laminate over the aluminum that can be engraved to create a clean and eye popping look. The white versions are extremely popular in hospitals, schools and houses of worship.

They are available in 1, 2, 3, 4, 5, and 6 gang

Formed Anodized Aluminum



Unlike our standard 1/8" anodized aluminum plates, the back of these plates do not sit flush on the wall. When the formed plate is against the wall, only the edges of the bevel are flush with the wall. This comes in handy when dealing with an uneven surface. They are thicker and more durable than other formed aluminum plates on the market. Our anodized aluminum formed plates have a handsome brushed finish and are available in clear or black, single and double gang.

Anodized Aluminum Decora Type Inserts

Take your decora style inserts and faceplates to the next level with our new anodized aluminum versions. **Customize them with the connectors of your choice. Available in clear or black.**

Snap-in Modular Furniture Mount Faceplates

These modular furniture mount faceplates are compatible with common ANSI/TIA/EIA standard furniture with 2.71" x 1.38" openings. BTX has the industry's largest selection of feed-through, solder and terminal block connectors for use in these furniture inserts.

BTX PRO PLATES & PANELS

For Your Custom Plates & Panels – We Provide LOTS of Choices

Custom Inserts for Plates, Panels and Floor Boxes

Customize your own AAP and MAAP type inserts right from our Pro Plate and Panel Designer software. Any available connector, any configuration. BTX also offers inserts compatible with other major manufacturers' plates, panels, and floor boxes. If you don't see what you need, give us a call!

Custom Rackmount Panels

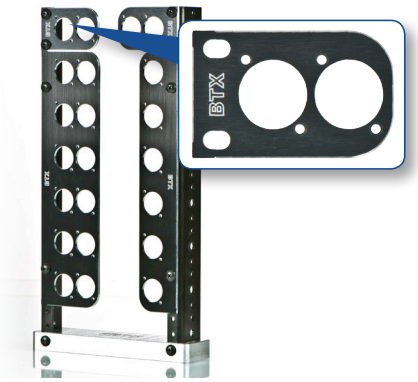
- Flat Black Anodized Aluminum, 11 Gauge, 1RU – 6RU
- Flat Clear Anodized Aluminum, 16 Gauge, 1RU – 4RU
- Flanged Black Anodized Aluminum, 16 Gauge, 1RU – 4 RU
- Flanged Heavy Duty Anti-Bowing Anodized Aluminum, 1/8" Thick, 1RU – 12RU

Breakout Boxes

opticalCON
Duo to (2) LC

opticalCON
QUAD to (4) LC

Unique Vertical Rackmount Solutions



Custom Shape Metal Work

Broadcast Service Panels

BTX also offers standard and custom non-rack panels. Standard sizes include:

- 3.75" x 4.5"
- 7" x 7"
- 9" x 9"
- 12" x 12"
- 13" x13"

Visit BTX PRO PLATE & PANEL DESIGNER for standard panels or send us your specifications for a custom size. All custom wall plates are non-cancelable and non-returnable.

Neutrik opticalCON®

Neutrik's opticalCON® line is based on standard optical LC-Duplex connections and features a rugged-body, high-performance fiber contacts and a unique shutter design to protect against dust and dirt. This group of products provides maximum reliability and has gained wide acceptance in the Pro Audio, A/V and Rental & Staging markets.

BTX-NO - [FIBER / CONNECTOR] + [LENGTH (FEET)] + [REEL / SPOOLING OPTIONS†]

FIBER / CONNECTOR

2FOMM = DUO Multi-mode
2FOSM = DUO Single-mode
2FHSM = DUO SMPTE (Single-mode Only)
4FOMM = QUAD Multi-mode
4FOSM = QUAD Single-mode

LENGTH (FEET)

Please fill in custom length required

REEL / SPOOLING OPTIONS†

R31 = Small Reel (14.45")
R38 = Medium Reel (19.33")
R52 = Large Reel (21.85")

† *Standard Schill reels listed. Multiple options available*

REEL SELECTION GUIDE

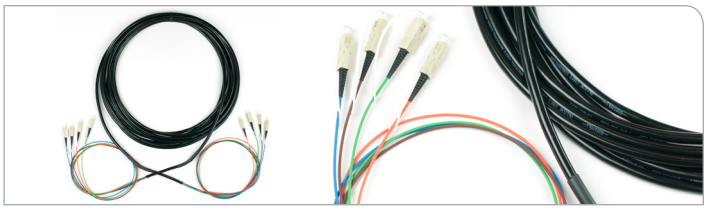
Type	GT310	GT380	GT450	HT481
DUO	0-675 ft.	675-1225 ft.	1225-1500 ft.	
QUAD	0-450 ft.	450-875 ft.	875-1075 ft.	
SMPTE	0-175 ft.	175-375 ft.	375-500 ft.	500-656 ft.

Example Part #: **BTX-NO2FOMM50R31**

Part Prefix | Fiber/Connector | Length In Feet | Reel

Tactical Fiber Snake Cables

These multi-strand tactical fiber assemblies are designed for heavy handling in harsh commercial environments where deployment and re-deployment is required.



BTX-FT - [FIBER] + [# OF FIBER STRANDS] + [1ST END CONNECTOR STYLE] + [2ND END CONNECTOR STYLE] + [LENGTH (FEET)]

FIBER

SD (Tactical, SM 9um, Distribution)
SB (Tactical, SM 9um, Breakout)
MD50 (Tactical, MM 50um, Distribution)
MB50 (Tactical, MM 50um, Breakout)
MD62 (Tactical, MM 62.5um, Distribution)
MB62 (Tactical, MM 62.5um, Breakout)

 # OF FIBER STRANDS

2
4
6
8
10
12
18
24

1ST END CONNECTOR STYLE

LC
SC
ST
DLC (Duplex)
DSC (Duplex)

2ND END CONNECTOR STYLE

LC
SC
ST
DLC (Duplex)
DSC (Duplex)

LENGTH (FEET)

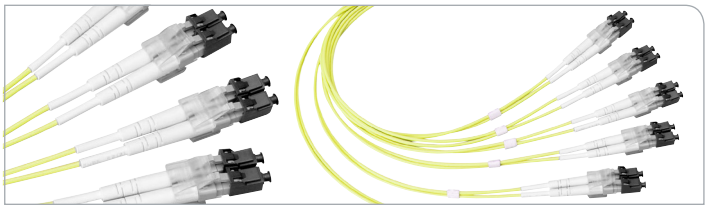
Please fill in custom length required

Example Part #: **BTX-FTMD506LCSC50**

Part Prefix | Fiber | # Fiber Stands | 1st End | 2nd End | Length In Feet

Permanent Install Fiber Snake Cables

These fiber snake cables are ideal for permanent installations in an air plenum or rack environment. These are the easiest cables to install when making a direct termination to a connector and/or a direct run to a panel. Also ideal for use with a junction or breakout box.



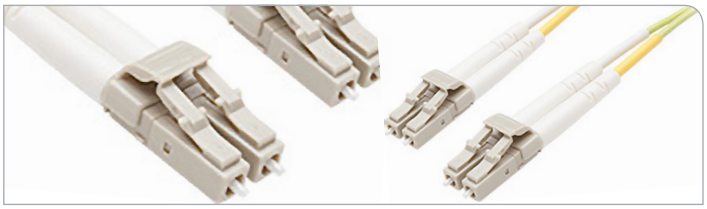
BTX-FP -	RATING	+ FIBER	+ # OF FIBER STRANDS	+ 1ST END CONNECTOR STYLE	+ 2ND END CONNECTOR STYLE	+ LENGTH (FEET)
	R (Riser) P (Plenum)	SD (SM 9um, Distribution) SB (SM 9um, Breakout) M50D (MM 50um, Distribution) M50B (MM 50um, Breakout) M62D (MM 62.5um, Distribution) M62B (MM 62.5um,Breakout)	2 4 6 8 10 12 18 24	LC SC ST DLC DSC	LC SC ST DLC DSC	*Please fill in custom length required*

Example Part #: **BTX-FPPM50D8LCLC50**

Part Prefix | Rating | Fiber | # Fiber Stands | 1st End | 2nd End | Length In Feet

Custom Fiber Optic Jumper Cables

These resilient and flexible custom jumper cable assemblies are suitable for general-purpose indoor use, such as routing connections in patching systems. They are also ideal for links between multiple pieces of electronic equipment.



BTX-FJ -	RATING	+ FIBER	+ 1ST END CONNECTOR STYLE	+ 2ND END CONNECTOR STYLE	+ LENGTH (FEET)
	R (Riser) P (Plenum)	SX (Simplex SM) SXX (Duplex SM) M50X (Simplex MM 50/125) M50XX (Duplex MM) M62X (Simplex MM 62.5/125) M62XX (Duplex MM)	LC SC ST DLC DSC	LC SC ST DLC DSC	*Please fill in custom length required*

Example Part #: **BTX-FJPM50XLCLC150**

Part Prefix | Rating | Fiber | 1st End | 2nd End | Length In Feet

Breakout-style fiber optic cable is an optical fiber cable containing several jacketed simplex optical fibers. Each individual fiber typically has its own Aramid or Kevlar strength member. This is then all cabled together under a single jacket with a central strength member/filler. Breakout cables can typically be connected directly to panels due to the protection provided by the individual jackets.

BTX FIBER TIP

SPORTS SELECT | 900MHz Wireless Table Top Speaker System

Provide your customers with the sound from any television directly to their table, WITHOUT WIRING! Easy to install and manage, the system will broadcast up to 16 channels of digital 900MHz audio from your TV or any device with an analog audio output to the Table Top Speaker. Users simply choose what TV they would like to listen to and the audio is immediately broadcast wirelessly to the rechargeable speaker.

Sports Select Transmitter | SPL-SSTS2

900MHz TRANSMITTER FEATURES:

- Includes power supply and audio cable
- 16-Channel Selection
- Line Level Stereo Inputs
- Adjustable Audio Input Modulation Level
- Modulation Level Indicator
- Noise Reduction Technology
- Transmission Range 35,000+ Square Feet
- Audio In: RCA Female Left & Right
- Power Requirements: 12V, 300mA, 2.1mm Barrel Connector
- THD Audio Distortion (@ 1KHz, +/- 25KHz Deviation) 0.3%
- Stereo Pilot Level -20 dBc
- Pout RF Power Output 1 mW
- FM Deviation +/- 75 KHz
- Harmonic Suppression -45 dBc
- Dimensions: 4.5"w x 1.25"w x 3.25"d
- Weight: 12 oz.
- 3-year manufacturer warranty

Sports Select Receiver (speaker) | SPL-SSRS2

900MHz TABLE TOP RECEIVER FEATURES:

- Table-Top Listening Stations are portable and compact
- Built-in speaker, volume control and program selector
- Superb localized sound quality
- Easy installation from satellite, cable box or television audio outputs
- Dimensions: 4.5" wide x 8.5" tall
- Up to 16 audio channels
- 300 ft. transmission range
- Individual sound coverage a each table
- Table-Top Receivers operate all day on single charge

Sports Select 6 Pack Charger Tray | SPL-SSBC6

6 PACK CHARGER FEATURES:

- Six-unit charging case
- Eight-hour charge time
- 2 amps
- Dimensions: 31.75" x 7" x 2.5"
- May be used table top or wall mount

Applications:

Sports Bars/Restaurants, Medical/Waiting Rooms, Conference Rooms, Trading Floors and Wedding Receptions.

BTX Part #	Description
SPL-ISSS2	Sports Select Starter Kit includes: three (3) SPL-SSTS2 Transmitters, six (6) SPL-SSRS2 Receivers and one SPL-SSBC6 Six-Pack Battery Charger
SPL-SSR6PAKS2	Sports Select Receiver Package Includes: six (6) SPL-SSRS2 Receivers & one SPL-SSBC6 6-Pack Battery Charger
SPL-SSTS2	Sports Select Transmitter
SPL-SSRS2	Sports Select Receiver with headphone jack. Features built-in speaker, volume control & program selector. Up to 16 channels. Dimensions 4.5"(w) x 8.5"(h), 300 ft. transmission range
SPL-SSBC6	Sports Select 6 Pack Charger Tray
SPL-SSRBC	Sports Select 12 Volt 1800 Mil Battery Pack
SPL-SS9V	Sports Select SPL-SSRS2 Power Supply
SPL-SS12V	Sports Select Charger Power Supply

Techflex Expandable Sleeving

Techflex Standard Expandable Sleeving

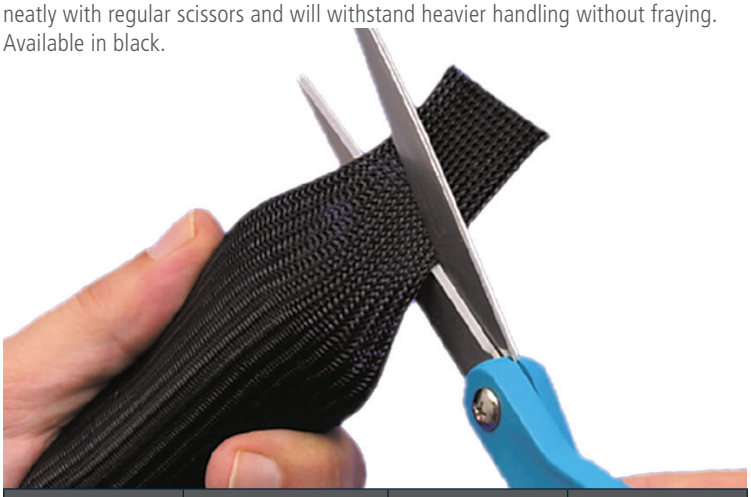
Standard expandable sleeving expands up to 150% and allows quick and easy installation over large connectors and long runs. Available in 5 colors.

Size	Part #	Size Range	Roll Size
1/8"	**IN-XS18___-1K**	3/32" - 1/4"	1000 ft.
1/4"	**IN-XS14___-1K**	1/8" - 7/16"	1000 ft.
3/8"	**IN-XS38___-500**	3/16" - 5/8"	500 ft.
1/2"	**IN-XS12___-500**	1/4" - 3/4"	500 ft.
3/4"	**IN-XS34___-250**	1/2" - 1-1/4"	250 ft.
1-1/4"	**IN-XS114___-250**	3/4" - 1-3/4"	250 ft.
1-1/2"	**IN-XS112___-200**	1" - 2-1/2"	200 ft.
1-3/4"	**IN-XS134___-200**	1-1/4" - 2-3/4"	200 ft.
2"	**IN-XS2___-200**	1-1/2" - 3-1/2"	200 ft.
2-1/2"	**IN-XS212___-200**	1-3/4" - 4-1/2"	200 ft.
3"	**IN-XS3___-100**	2-1/2" - 4-3/4"	100 ft.

Insert into part # to specify colors: **RE** (red), **GR** (green), **BL** (blue), **BK** (black), and **WH** (white).

Techflex Scissor Cut Expandable Sleeving

Scissor cut expandable sleeving is ideal for field installers and other situations where access to a hot knife is limited. The scissor cut sleeving cuts easily and neatly with regular scissors and will withstand heavier handling without fraying. Available in black.



Size	Part #	Size Range	Roll Size
1/8"	**IN-XSS18BK-1K**	1/8" - 1/4"	1000 ft.
1/4"	**IN-XSS14BK-1K**	5/32" - 7/16"	1000 ft.
3/8"	**IN-XSS38BK-500**	3/16" - 5/8"	500 ft.
1/2"	**IN-XSS12BK-500**	1/4" - 3/4"	500 ft.
3/4"	**IN-XSS34BK-250**	5/8" - 1"	250 ft.
1"	**IN-XSS1BK-250**	3/4" - 1-3/16"	250 ft.
1-1/4"	**IN-XSS114BK-250**	1" -1-1/2"	250 ft.
1-1/2"	**IN-XSS112BK-250**	1-1/4" - 2"	250 ft.

Techflex Wrappable Expandable Sleeving

This unique sleeving has a lateral split that allows the tube to open up, to accommodate a wide variety of cables even after they've been terminated; the semi-rigid braid simply closes around the entire installation without the need for any additional fasteners. Available in black, orange and clear.

Size	Part #	Roll Size	Size	Part #	Roll Size
1/8"	**IN-XSW18BK-400**	400 ft.	1"	**IN-XSW1BK-100**	100 ft.
1/4"	**IN-XSW14BK-200**	200 ft.	1-1/2"	**IN-XSW112BK-75**	75 ft.
1/2"	**IN-XSW12BK-150**	150 ft.	2"	**IN-XSW2BK-50**	50 ft.
3/4"	**IN-XSW34BK-100**	100 ft.			

Techflex Plenum Expandable Sleeving

HALAR® (HT) self-extinguishing sleeving is used where flammability, high temperature endurance and low outgassing are primary concerns. HT is braided from 11 mil ethylene chlorotriflouroethylene (ECTFE) copolymer monofilament. Because of its low flame spread and smoke generation properties, HT has received UL 2024 and NFPA 262 plenum listings, UL flame resistance rating of VW-1 and exceeds automotive industry requirements of FMVSS 302, as well as aviation industry requirements of FAR 25. Available in black with whiter tracer.

Size	Part #	Size Range	Roll Size
1/2"	IN-XSP12-250	1/4" - 3/4"	250 ft.
3/4"	IN-XSP34-250	1/2" - 1-1/4"	250 ft.
1-1/4"	IN-XSP114-250	3/4" - 1-3/4"	250 ft.

LUXI Field Terminatable HD Video System

This amazing field-terminatable HD Video cable-mount male connector allows installers to quickly and easily create custom length assemblies. This innovative connector eliminates excess cable behind racks or inside a wall, and solves the issue of fitting the connector through conduit. Perfect for A/V, home theater or digital signage applications.

LUX-HD30500BK

LUX-DIY28T

Features:

- 1080p - 12 bit deep color
- Electrically out performs soldered assemblies

Distance - Cable:

- Lengths up to 30 feet
- Lengths up to 50 feet with use of booster product

HD Video Connector Components

Part#	Description
BTX-HD30RBM	HD Video ribbon cable connector, sold in packs of 10
BTX-HD30500BK	HD Video bulk ribbon cable, 500 foot roll, black
LUX-DIY28T	Hand tool for HD Video connector

LUX-HD30RBM

Because these cables are terminated in the field, they cannot be submitted to an ATC (Authorized Test Center) for the required HDMI compliance testing to be considered compliant.

HDMI (f-f) Adapters

These female to female panel mount couplers from Hubbell are available with or without a 3" dongle.

HDMI Adapters	
HUB-HDC	HDMI panel mount coupler
HUB-HDT	HDMI Panel mount coupler with 3" tail
BTX-HDFFPT	HDMI (f-f) 6" Pigtail Adapters - **NEW**

BTX-HDFFP

Unlike other HD Video (f-f) panel mount adapters that are integrated as a permanent part of a plate, the stand-alone BTX-HDFFP has been designed to mount in any standard DB9 hole punch. Not only can you mount it anywhere you like, you can do it without special tooling and use standard off the shelf wall plates and panels.

BTX-HDAFF

This unique and flexible adapter allows you to combine two HD Video assemblies with a right-angle or swivel in-between. Great for tight areas or turning corners.

BTX Partial Line Card

The products found in this catalog can be purchased through any of our current distributors listed below. For the most up to date list of BTX distributors, **please visit our website at www.btx.com**

AUSTRALIA

Madison Audio Visual
149 Beaconsfield Street
Silverwater NSW 2128
Tel: 1800 00 77 80
Fax: +612 9737 9615
Email: av@madisontech.com.au
Website: www.madisontech.com.au

BELGIUM AND LUXEMBOURG

BELRAM n.v./s.a.
Brussels | Belgium
Tel: +32 (0)2 672 95 90
Fax: +32 (0)2 672 84 97
Email: belram@gmail.com
Contact: Bruno Bosquet
Belgium Website: www.belram.com
Luxembourg Website: www.belram.lu

DENMARK

CAVEA ApS
Stationsvangen 5
8541 Skodstrup
Denmark
Tel: +45.70.270.715
Email: mn@cavea.dk
Website: www.cavea.dk

FINLAND

Electro Waves Oy
Ruukintie 3
02330 Espoo Finland
Tel: +358 9 477 0140
Fax: +358 9 477 01410
Email: erkki.aarnio@electrowaves.fi
Contact: Erkki Aarnio
Website: www.electrowaves.fi

FRANCE

FVS
13 Rue du Coq Gaulois
77257 Brie Comte Robert Cedex
France
Tel: +01 60 62 49 00
Fax: +01 60 62 58 41
Email: info@fvs.fr
Website: www.fvs.fr

NEW ZEALAND

Wired Limited
Wellington
New Zealand
Tel: +64 04-499 4110
Fax: +64 04-499 0789
Email: sales@wirednz.co.nz
0800 WIREDNZ (0800 947 336)
Website: www.wirednz.co.nz

NORWAY

Lys & AV-Teknikk AS
Sandakerveien 76, 0484
Oslo, Norway
Tel: +47 22 22 22 00
Fax: +47 22 22 31 31
Email: office@lavteknikk.no
Website: www.lavteknikk.no

PORTUGAL

Arestel
Praceta Torres do Restelo NÂº10
1400-401 Lisboa
Portugal
Tel: +351 213030850
Fax: +351 213016221
Email: lnunes@arestel.pt
Contact: LuÃs Nunes
Website: www.arestel.pt

SOUTH AFRICA

Peripheral Vision
P. O. Box 30294,
Kyalami 1684,
South Africa
Tel: +27 11 840 0860
Fax: +27 11 466 2323
Email: Kelly@peripheralvision.co.za
Contact: Kelly van Zyl
Website: www.peripheralvision.co.za

SWEDEN

Special-Elektronik AB
Box 8065,
65008 Karlstad
Sweden
Tel: +46 54 555150
Fax: +46 54 555158
Email: info@specialelektronik.se
Contact: Jonas Orhn
Website: www.specialelektronik.se

UK

Canford Audio PLC
Crowther Road, Washington,
Tyne & Wear. NE38 0BW. UK
Tel: +44 (0) 191 418 1122
Fax: +44 (0) 191 418 1123
Email: sales@canford.co.uk
Website: www.canford.co.uk

The **BTX** products in this international catalog are RoHS compliant.

The World's Finest Interface & Integration Products
5 Skyline Drive, Hawthorne, NY 10532
Phone: +1 914-592-1800 • Fax: +1 914-592-0800
www.btx.com • sales@btx.com