

X-END and One Punch Tool



Installation efficiency at the work area is critical in today's facilities that can contain several thousands of connections to support data, voice and AV applications. Hubbell's Plug-n-Play X-End AV Solution uses pre-terminated assemblies and a locking connections that save valuable installation and testing time. The patch cords and tails are easily swapped out as requirements in horizontal cabling runs. For quick, efficient punching down all four pairs of a voice/data jack, the Hubbell 1-Punch Tool saves valuable installation time over traditional single-blade tools.

X-END Plug-n-Play

- Overmolded connections with locking interface ensure mated connection
- Designed for minimal signal loss for superior audio and video
- Support multiple applications and connector configurations
- Plug-n-play design saves installation and testing time

HDMI 110 UTP Extender

- Utilizes UTP cabling (Cable is already on site)
- Customize lengths on site (No pre-ordering cable assemblies)
- Integrates into all Hubbell workstation and delivery products

One Punch Tool

- Reduces termination time by 75%
- Consistent, reliable termination every time
- Punches all 4 pairs and cuts off excess wire in one punch



X-END Plug-n-Play



HDMI 110 UTP Extender



One Punch Tool

Ordering Information

Hubbell iSTATION HDMI 110 UTP Extenders

Description	DC	Installation Decorator	Module
110 UTP HDMI extender (pair)	5 Volt	2 4-pair	ISFH110xx IMH1102xx

xx = Color: **BK** (Black), **EI** (Electric Ivory), **GY** (Gray), **OW** (Office White), and **W** (White).



AV Plug-n-Play X-END Horizontal Cable Runs, Male, Black

Description	Catalog Number
Non-Plenum, 8-pin	VGA6yyBK
Plenum, 8-pin	VGA6PyyBK
Non-Plenum, 8-pin, with 3.5mm	VGA36yyBK
Plenum, 8-pin, with 3.5mm	VGA36PyyBK

yy = Length: **15** (15 ft), **25** (25 ft), **35** (35 ft), **50** (50 ft), **75** (75 ft), and **100** (100 ft). Contact Hubbell customer service for custom legths, minimum quantities and lead times may apply.



VGA Plug-n-Play X-END Connections



Quantity	15-Pin (F) to 8-Pin (F)				15-Pin (M) to 8-Pin (M) 8" Tail	
	Straight 180°	Angled 45°	Angled 90°	8" Tail	Non-Plenum	Plenum
1-Pack	15S6P1	15A6P1	15N6P1	15T6P1	15M6P1	15MP6P1
10-Pack	15S6P10	15A6P10	15N6P10	15T6P10	15M6P10	15MP6P10

1-Punch Tool for XCELERATOR Jacks

Description	Catalog Number
1-punch Ascent HJ tool with head, blades and HXTA termination aid	TX4P6A
1-punch XJ tool with head, blades and HXTA termination aid	TX4P
Hand termination aid "Jack Knuckles" Xcelerator/Ascent	HXTA
Snap-X termination puck (bag of 25)	HXTP25
Ascent termination puck (bag of 25)	HJTP6A25

1-Punch Tool for P6E and P6A Series Patch Panels

Description	Catalog Number
Patch Panel tool with head and blades	TX4PP

Replacement heads and blades are available. Hubbell Xcelerator jacks are compatible with Paladin Tools® "Jack Terminator" PA8111 termination tool.



TX4P

HXTA



TX4PP



HXTP25