

Complete Fiber Optic & Category 6A AV Distribution Systems

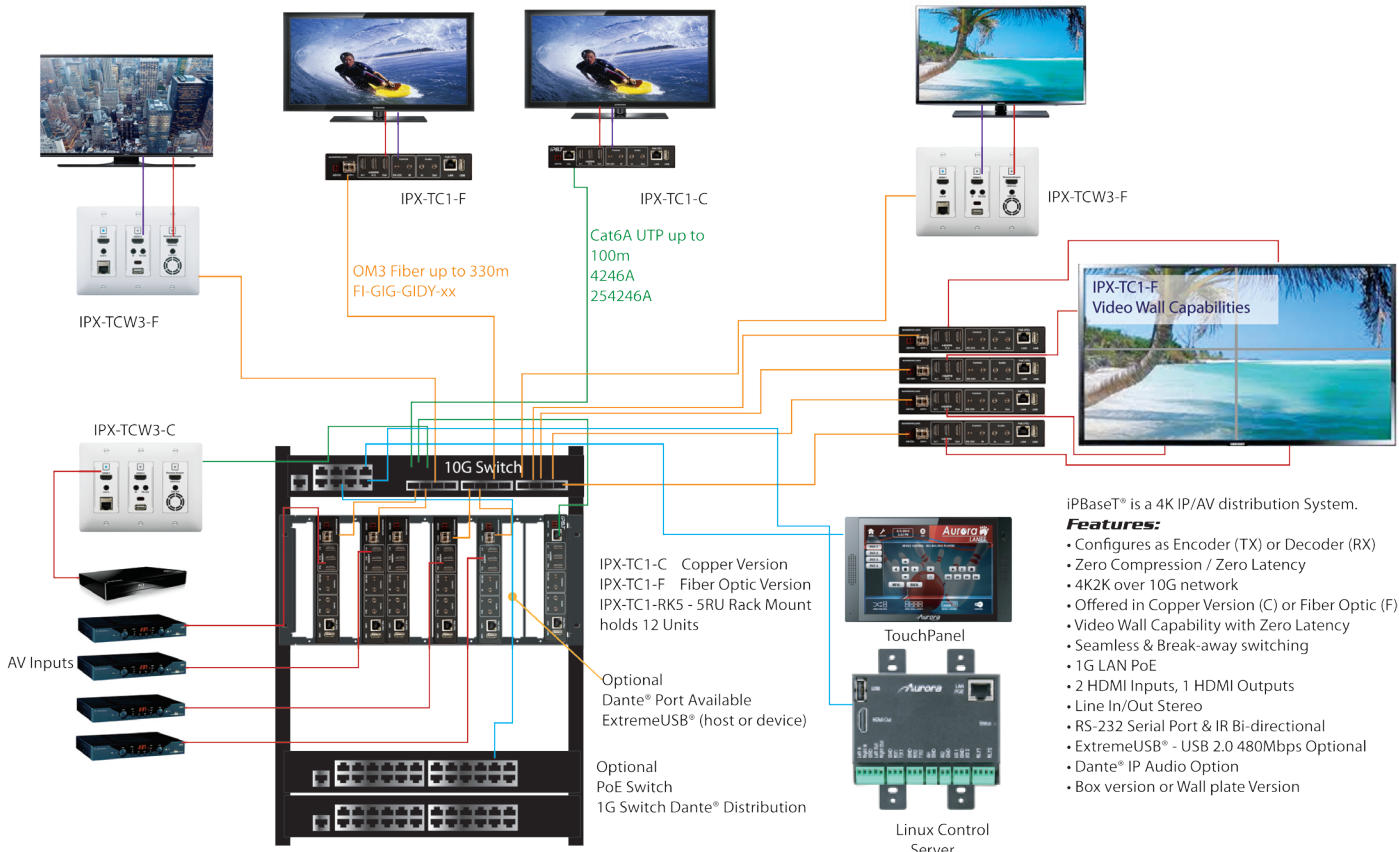
Aurora iPBase™ 4K Technology for AV Distribution & Routing Over IP
 Eliminates Need for Separate Components



Conference Centers • Retail • Theme Parks • Hotels/Hospitality

Aurora iPBaseT AV Distribution:

The Clear Choice Over Matrix/Extender Systems & IP Streaming



- iPBaseT® is a 4K IP/AV distribution System.
- Features:**
- Configures as Encoder (TX) or Decoder (RX)
 - Zero Compression / Zero Latency
 - 4K2K over 10G network
 - Offered in Copper Version (C) or Fiber Optic (F)
 - Video Wall Capability with Zero Latency
 - Seamless & Break-away switching
 - 1G LAN PoE
 - 2 HDMI Inputs, 1 HDMI Outputs
 - Line In/Out Stereo
 - RS-232 Serial Port & IR Bi-directional
 - ExtremeUSB® - USB 2.0 480Mbps Optional
 - Dante® IP Audio Option
 - Box version or Wall plate Version

— Bulk Fiber Optic Cable: West Penn Wire **M9C043T** (Indoor/Outdoor Plenum Rated OM3 Fiber Optic Cable - Can be cut to length)
 Pre-Terminated with Power Cable: **FI-GIG-GIDY-XX** (150,230,330,500,750,1000ft)
 2 OM3 Fiber + 1B/2 Power Cable with 4 OM3 LC Connectors

— Bulk 10G Category 6A Cable: West Penn Wire **4246A CMR, 254246A CMP**

— Note: Category 6 UTP Cables, **4246 CMR, 254246 CMP** are used to Linux Control Server, Touchpanel and to Dante Audio Distribution

(Pre-Terminated : **CN-GIG-6A-XX** (75,100,125,150,165,230,330ft)
 Cat6A 4pr.23AWG UTP with 2 10G modular Plugs

— HDMI Assemblies (**CN-HD700-xx**) Locking HDMI Assembly Series
 RS-232/ IR

Features & Benefits

The iPBaseT System replaces multiple technologies and products with a single-box distributed platform. The System offers a full range of features & benefits compared to alternative solutions.

Features & Benefits	iPBaseT® System	Matrix/Extender System	IP Streaming
4K UHD Video/Audio Matrix with Zero Compression & Zero Latency	YES	YES	NO
Configure to TX or RX "on the fly"	YES	NO	NO
Dante® Networked Audio Option	YES	NO	NO
Each Port Configurable as Input or Output	YES	NO	YES
Easy Field Serviceability	YES	NO	NO
ExtremeUSB® - USB Option (2.0 480Mbps)	YES	NO	NO
Full Bandwidth Gigabit Ethernet Pass-through Data (standard 10G Copper or Fiber Optic)	YES	NO	NO
Integrated 2-input, 1-output HDMI Switch	YES	NO	NO
Integrated Control System (not just pass-through)	YES	NO	NO
Seamless Switching	YES	PREMIUM COST	PREMIUM COST
Standard Network Switch Infrastructure for Easy Scalability	YES	NO	YES
Transceiver Typology for Simplified Inventory	YES	NO	NO
Transceiver Wall Plate	YES	NO	NO
USB Port to Use as Host or Device	YES	NO	NO
Video Wall Processing	YES	NO	YES
Web Server for Setup & Customizable System Control	YES	NOT CUSTOMIZABLE	NOT CUSTOMIZABLE

IPX Networking

We offer complete fiber optic AV distribution systems that include transceiver plates, transceivers and Ethernet switches. We enable those systems to function optimally with a wide selection of cabling.

Transceiver Plates & Box Units

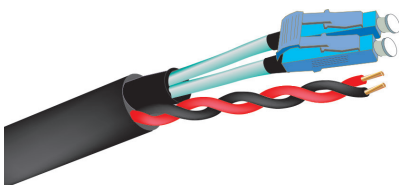
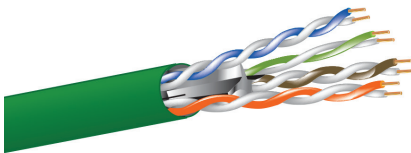
IPX System

Catalog No.	Description
IPX-TCW3 (F or C)	4K Streaming - 3 Gang Input Switching Transceiver Wallplate. Two HDMI Input, HDMI Output, LAN, and optional USB IPBaseT FIBER OPTIC CABLING (F), or Category 6A S Unshielded (C version)
IPX-TC1 (F or C)	4K Streaming Transceiver with IPBaseT, SFP, + 10G Fiber, 1G LAN, 2 HDMI In, 1 HDMI out, RS-232, IR, and Audio
IPX-FSW-8	10G 8 Port Layer 3 SFP + Fiber Switch wit 8 1G RJ45 Ports
IPX-FSW-12	10G 12 Port Layer 3 SFP + Fiber Switch wit 8 1G RJ45 Ports
IPX-FSW-24	10G 24 Port Layer 3 SFP + Fiber Switch wit 4 1G RJ45 Ports



iPBaseT® Cabling Options

West Penn Wire is a Certified Cabling Partner for the iPBaseT® IPAV Network Solution that provides Category 6A UTP (Unshielded Twisted Pair) Cables and OM3/OM4 Fiber Optic Cables to distribute AV signals.



4246A	4 Pair 23AWG Cat6A 10G Rated	(UTP) Unshielded Twisted Pair	.309" O.D	CMR Rated
254246A	4 Pair 23AWG Cat6A 10G Rated	(UTP) Unshielded Twisted Pair	.309" O.D	CMP Rated
CN-CAPFMUL-S1	Cat6A UTP Modular Plug			
90170-BI	Cat6A 10G Plug Kit (106190 Connector)			

FI-GIG-GIDY-XX	(2) OM3 Terminated Fiber with LC Connectors + 18/2 Power Cable. Giggidy Fiber Cables are pre-terminated with LC Connectors and have a Pulling Eye for easy pull and connectivity. Replace the XX with lengths of 150, 230, 330, 500, 750, or 1,000 ft. (Custom lengths available.)			
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Your Best Source for AV Distribution Systems & More

West Penn Wire (WPW) designs and manufactures wires, cables, harnesses and related products for small, mid-size and Fortune 500 companies worldwide, as well as for audio, video, security and networking applications in these environments:

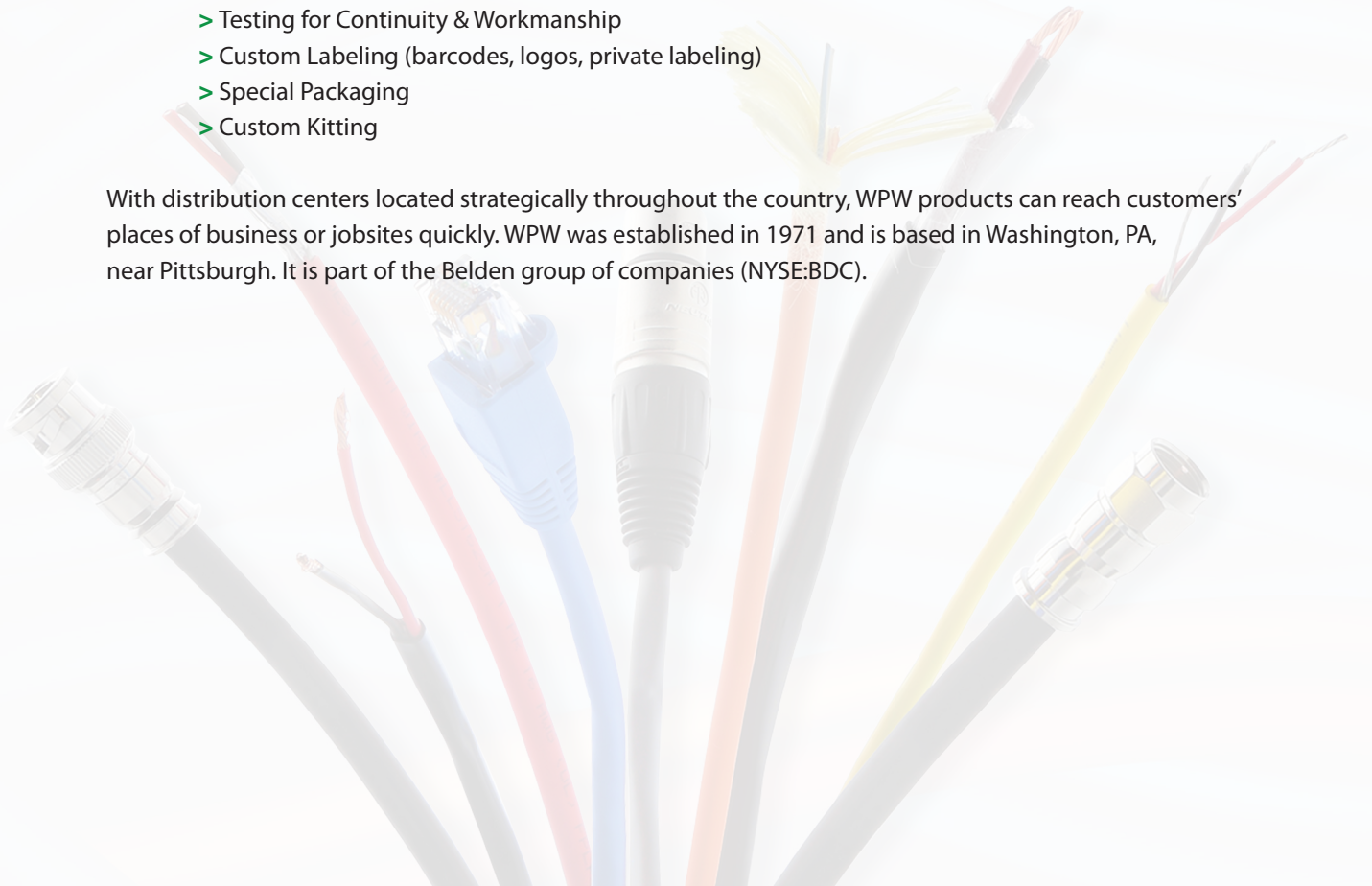
- > Corporate
- > Entertainment
- > Government
- > Healthcare
- > Higher Education
- > Hospitality
- > Houses of Worship
- > Retail

The company's engineering and manufacturing excellence enables customers to obtain solutions that meet the most demanding requirements for audio, video, security and networking applications.

To help meet customers' wire and cabling needs, WPW also offers value-added services, including:

- > Testing for Continuity & Workmanship
- > Custom Labeling (barcodes, logos, private labeling)
- > Special Packaging
- > Custom Kitting

With distribution centers located strategically throughout the country, WPW products can reach customers' places of business or jobsites quickly. WPW was established in 1971 and is based in Washington, PA, near Pittsburgh. It is part of the Belden group of companies (NYSE:BDC).



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