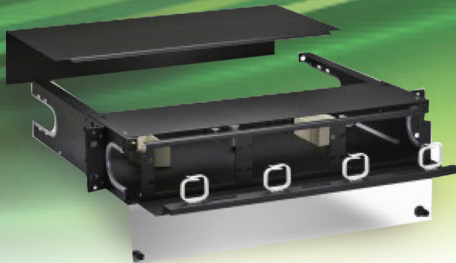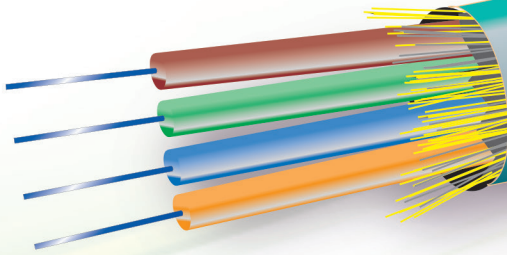**WEST PENN WIRE**

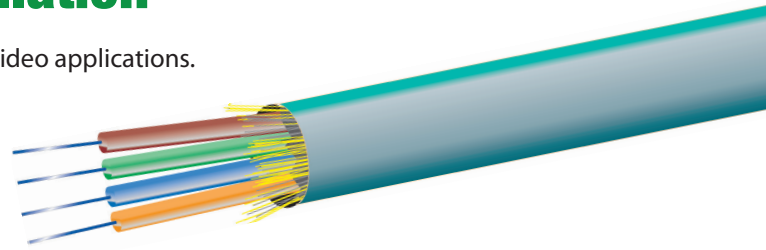# Fiber Optic Products for
Audio, Video & Data Applications

Conference Centers • Corporate • Higher Education • Hotels/Hospitality

Fiber Optic Products Offer High Bandwidth, Easy Connectivity & Quick Installation

Fiber optics is one of the fastest growing technologies for audio and video applications.

Advantages include:

> Superior Bandwidth

> Less Signal Degradation

> Greater Security (no EMI/RFI)

> Energy Efficient (light waves transmitted through glass or plastic threads (fibers) use much less energy than data signals sent through metal conductors)

> Easier to Make System Upgrades

Fiber Optic Bulk Cables

Did You Know?

> Pull Tensions of fiber optic cables are much greater than those of most copper cables.

- 6-Fiber Cable: 300 lbs.
- RG6 Coaxial Cable: 55 lbs.
- Category 5E Cable: 25 lbs.

> Putting a connector on a fiber optic cable takes half the time as it does to connect a BNC or RJ45 Jack.

> Bend Radius of fiber optic cables is equal to that of a coaxial cable – 10x the cable's OD.

> Testing a fiber optic cable is as easy as sending a beam of light from one end to the other.

- *Installation Kits*
- *Connectors*
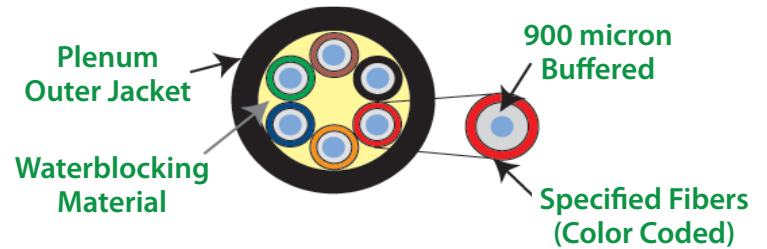- *Assemblies*

Cable & Signal Management

So Many Choices from Your Most Dependable Source

When it comes to cabling, installation and cable management, our fiber optic products offer a wide range of options for any application.

Cabling

> Indoor/Outdoor Plenum-Rated
- 2-, 6-, 12- & 24-Fiber
- OMI, OM3 & Single Mode

> Indoor/Outdoor Plenum-Armored
- 6-, 12- & 24-Fiber
- OM1, OM3 & Single Mode

> Outdoor Rated

> Outdoor Direct Burial

> Digital Video (Plenum & Non-Plenum)

Plenum Outer Jacket

900 micron Buffered

Waterblocking Material

Specified Fibers (Color Coded)

Installation Kits & Assemblies

> FiberExpress Quick Connections Field Kit
- Connects ST, SC & LC Connectors
- Quick Termination (under 2 minutes)
- Re-Usable Connectors

> Fiber Optic Assemblies
- ST to ST, ST to SC, SC to SC, LC to LC, LC to LC
- Simplex or Duplex
- Multi-Mode or Single Mode

Cable Management Solutions

> Rack Mount Panels
- 1RU, 2 RU, 3RU & 4RU Panels
- 19" Width Rack Mount
- Hardware

> Wall Mount Panels
- Up to 20 Adapter Plates
- Hardware

> Adapter Plates
- ST, SC & LC
- Multi-Mode
- Single Mode

For the best combination of product selection, technical expertise and quick delivery times, look to West Penn Wire.

Your Best Source for Fiber Optic Products & More

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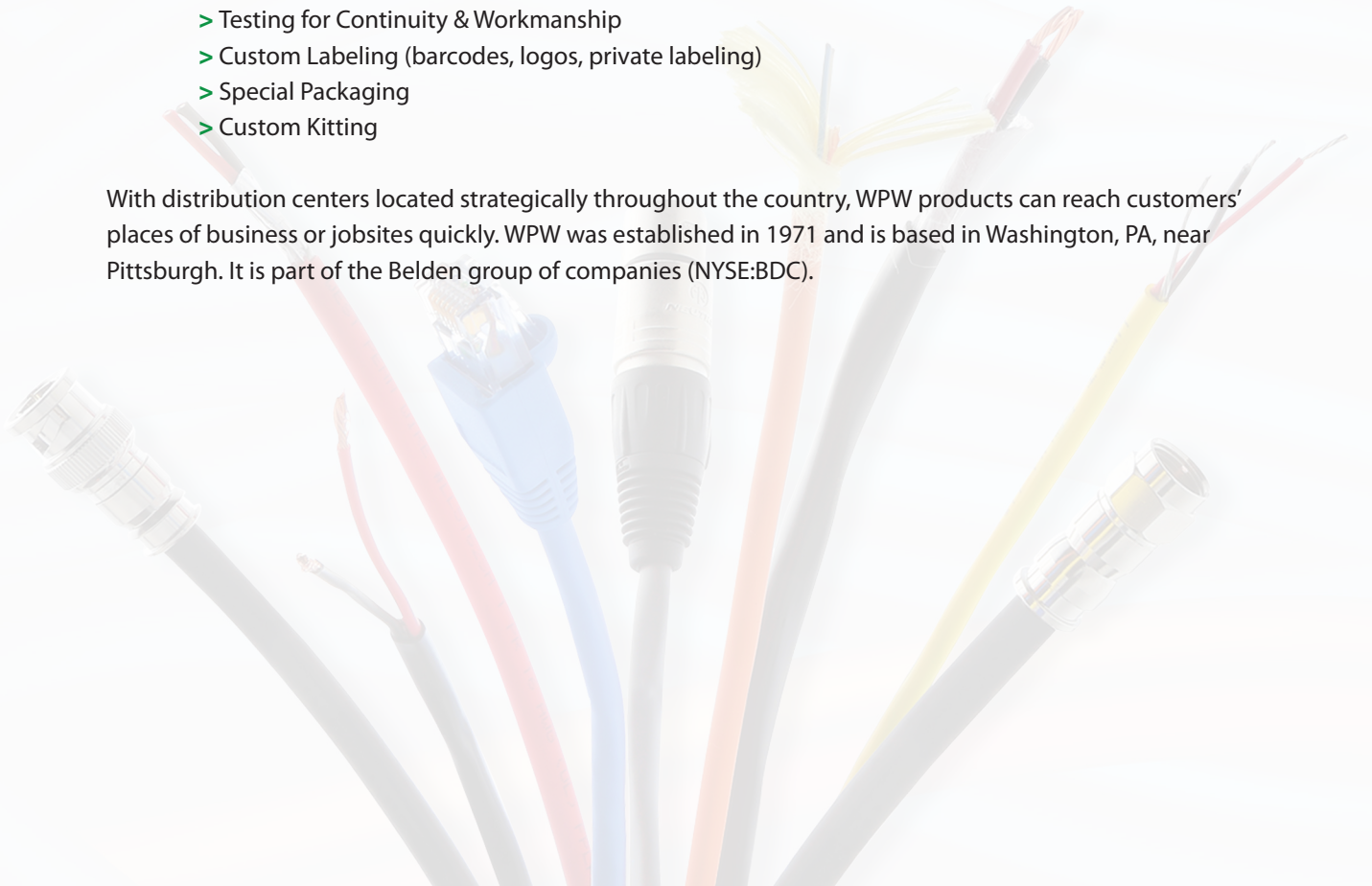
> Corporate
> Entertainment
> Government
> Healthcare

> 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).

WEST PENN
WIRE
AV, SECURITY & NETWORKING SOLUTIONS
Since 1971

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