

# Optical Fiber & Communication Cable Raceway Systems



 **KWIKPATH**<sup>®</sup>  
COMMUNICATION RACEWAY SYSTEMS

COMMUNICATION RACEWAY SYSTEMS

- Plenum Raceway & Fittings
- Riser Raceway & Fittings
- Residential Raceway & Fittings

[www.ipexinc.com](http://www.ipexinc.com)

We build tough products for tough environments<sup>®</sup>

  
**IPEX**

# THE KWIKPATH® SYSTEM

## A PATHWAY TO BETTER CABLE MANAGEMENT

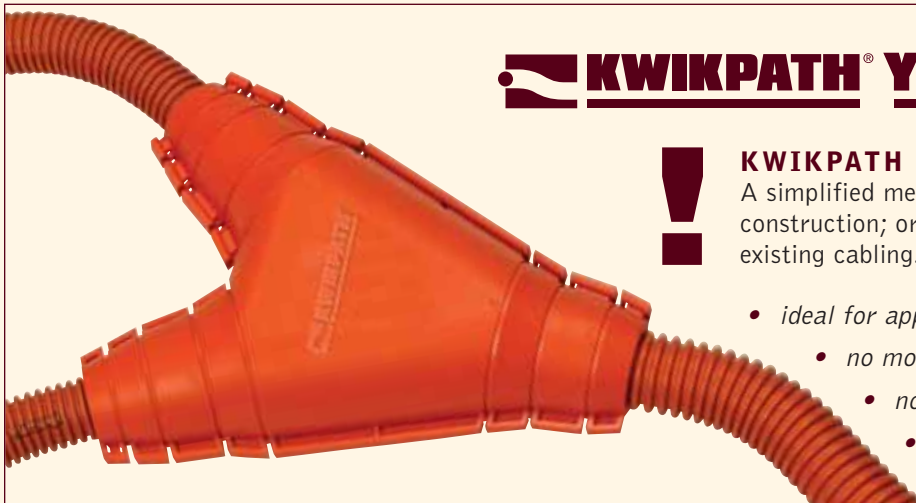
**T**elephones. Video. TV. Internet. Data networks. Security and alarm systems. In recent years, contractors have seen an explosion of new and sophisticated cabling installations in commercial buildings and homes. Moreover, these cabling requirements are constantly changing and evolving to keep up with technological advances. As a result, buildings and homes are accumulating cluttered tangles of wires and abandoned cables in their walls and ceilings, making cabling system upgrades difficult and costly.

Keeping both present and future communication cabling needs in mind, we created the Kwikpath cable management system. Designed to arrange and organize cables into a logical series of re-usable pathways behind walls and ceilings, Kwikpath makes cable installation and removal fast, simple and worry-free. With Kwikpath, cable and network upgrades are easier and less costly.

No wonder so many contractors, building owners and homeowners find cable management with Kwikpath a snap.



*Without Kwikpath, communication cables can easily become a mess of snarled wires and tangled lines. Could you find the cable you're looking for here?*



### **KWIKPATH® Y-COUPLER**



#### **KWIKPATH INNOVATION**

A simplified method to branch off raceway in new construction; or retrofit a raceway without removing existing cabling.

- ideal for applications with spatial limitations
- no more duct-taping a raceway branch
- no need to remove existing cable
- easy to handle and install

## BENEFITS

### COMPLIANCE TO BUILDING REGULATIONS

Kwikpath meets all building regulations and is the first UL-approved, raceway and fitting combination on the market. High safety standards give you the peace of mind that your communications network installation will pass inspection the first time.



### A FITTING CHOICE

The Kwikpath fitting system reduces the need for pulling long runs of raceway around awkward corners and tight spaces. And the industry first Y-Coupler reduces the number of pull boxes required in your system design.



### INSTALLATION FRIENDLY PACKAGING

200' coils are packaged individually in corrugated boxed cartons for ease of handling and dispensing. Designed into the cartons are packaging features that assist with moving and dispensing the product. By using the dispensing method, only the necessary product amount is withdrawn from the carton with the balance being contained and easily managed.



### REDUCES COSTS NOW AND OVER LONG TERM

Kwikpath is designed to allow easier cable installation and removal than other raceway systems. Simply pull cables through the raceway – no more fishing new cables blindly through walls or ceilings. Kwikpath also reduces renovation costs by eliminating the need to remove existing cabling in retrofit applications.



### PROTECTS CABLE INTEGRITY AND PERFORMANCE

Kwikpath prevents cables from being damaged on edges or snags as they're pulled through the raceway. Once cables are installed, Kwikpath offers flame resisting properties, and its protective shell prevents damage to cables when renovations cause tradesmen to enter or change the walls or ceilings.



# KWIKPATH® THE FASTEST AND EASIEST TO INSTALL

**K**wikpath comes together faster and easier than other raceway systems, thanks largely to a patented "snap-on" design that ensures fittings and raceway assemble and terminate easily with no special tools or handling equipment needed. The six locking tabs keep the fitting tightly connected with tremendous pull-out resistance. All without messy cementing or screws to tighten.

With its handy coil lengths delivered in dual purpose protective packaging/pull box, Kwikpath makes home-run systems easy and economical, letting you run cable from your telecommunications box directly to a workstation outlet with fewer couplings. Being able to cut to length on the job site ensures that you don't run short or have wasted conduit left over.

Whether in narrow shafts or tight plenums, its light weight and fast, trouble-free installation make Kwikpath the number one choice for commercial and residential cable management.



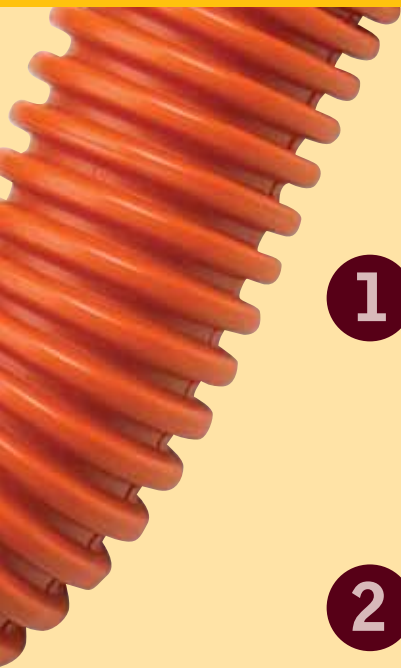
**Kwikpath Resi** is a convenient, flexible raceway system to meet the current and future cabling needs of any homeowner.



**Kwikpath Riser** lets you run communication cables effortlessly from floor to floor through vertical shafts.



**Kwikpath Plenum** is the perfect lightweight solution for plenums and other overhead spaces.



## INSTALLING KWIKPATH IS THIS EASY

### 1 UNROLL KWIKPATH TO DESIRED LENGTH

Available in convenient coil lengths of 200 ft. and reel lengths up to 5000 ft., Kwikpath gives you the flexibility to measure out end-to-end home-run systems with fewer couplings. Convenient lightweight coil lengths are easy to handle and disposable reels ensure you don't have to store and return large steel reels.



### 2 CUT KWIKPATH WITH AN IPEX CUTTER

For straight cuts every time, use our scissor-style cutting tool. However, no special tools or cutting equipment are required. You can even cut Kwikpath with a regular utility knife.



### 3 MAKE BENDS AND TURNS BY HAND

Kwikpath is so lightweight and flexible you can bend, turn and manipulate it by hand to install it easily around irregular curves and in tight spaces. This flexibility allows you to get the job done right the first time, reducing wasted material and time.



### 4 SIMPLY SNAP CONNECTIONS TOGETHER

Kwikpath's unique snap-on fittings make terminating or coupling quick and easy, and six locking tabs ensure the fittings stay connected. No messy cementing or screws to tighten.



### 5 PULL CABLE THROUGH KWIKPATH

Kwikpath's interior corrugated surface reduces pull-forces and friction, so pulling wires through the raceway is considerably easier than through metal tubing. And you can pull cables through longer raceways without worrying about damage to the cables.



# KWIKPATH® MEETS ALL BUILDING REGULATIONS

**N**ot only is Kwikpath easy to work with and invaluable in managing complicated cable systems, it also meets all codes and standards requirements. In fact, Kwikpath is the first raceway and fitting UL-approved combination on the market. Kwikpath offers a 100% integrated raceway/fitting system that eliminates all building code compliance concerns.

We're also mindful of the 2005 National Electric Code (NEC), governing the removal of abandoned cables in air handling spaces. Today, architects, designers, engineers and contractors appreciate that the most convenient way to remove and replace a cable is to have it installed in a Kwikpath raceway.

Meeting all UL, NEC, NFPA and EIA/TIA requirements, Kwikpath guarantees you the peace of mind of knowing your communications network installation will easily pass inspection the first time. Not only that, you'll know your system is safe and problem-free for years to come.

## CODES & STANDARDS

### EIA/TIA

Kwikpath meets all commercial building telecommunications cable protection and performance regulations.

### NEC 2005

Kwikpath offers worry-free installation in accordance with NEC articles 770 and 800 notably related to abandoned cables regulations.

### NFPA

Kwikpath meets all cable management requirements for air plenums, ducts and other environmental air spaces.

### UL 2024 GENERAL PURPOSE

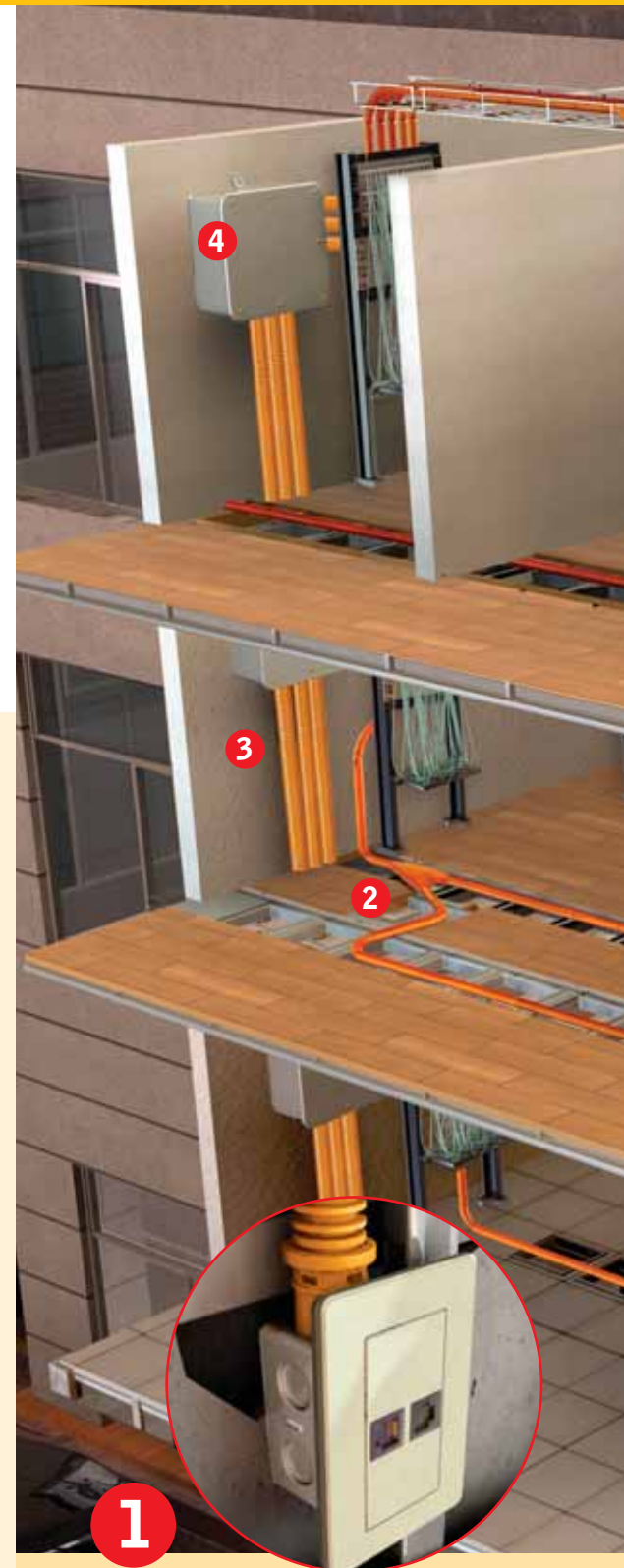
Kwikpath Resi is a fitting and raceway combination meeting UL 2024 standards for flame damage and (vertical-tray) flame test.

### UL 2024 RISER

Kwikpath Riser is a fitting and raceway combination meeting UL 2024 for flame propagation (Flame Spread < 12 feet [3.7 M]) and temperature at 12 foot height (< 850°F [454°C]).

### UL 2024 PLENUM

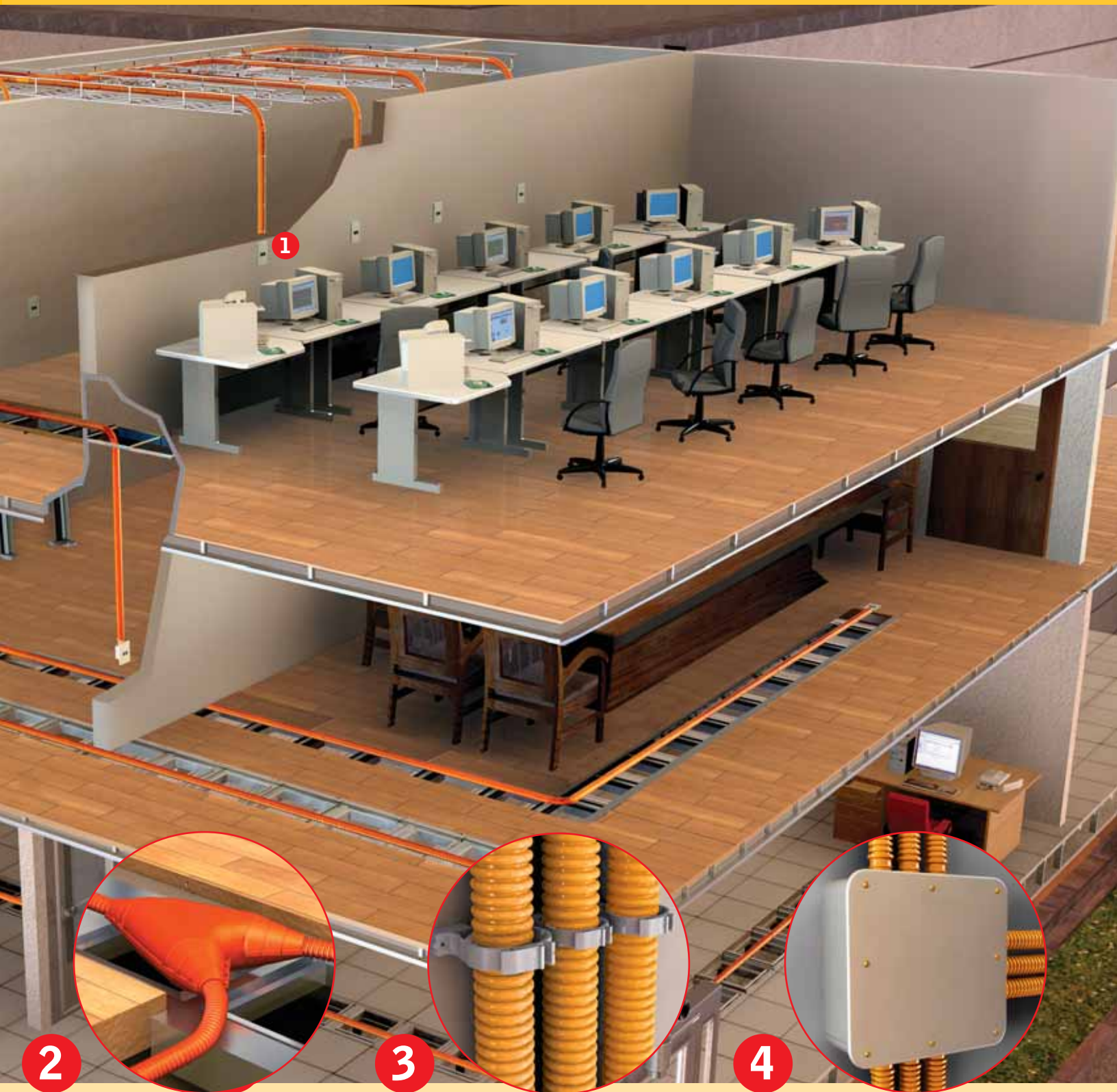
Kwikpath Plenum is a fitting and raceway combination meeting UL 2024 for flame propagation (Flame Spread – maximum 5 feet [1.5 M]) and smoke density (Peak Smoke Density < .5 & Average Smoke Density < .15).



1

### Fittings

Ensuring your total system is compliant from end to end, Kwikpath offers couplings and terminal adapters for the seamless transition to workstation outlet boxes.



1

2

3

4

### Y-Coupler

Fully approved for plenum use, the Y-Coupler quickly snaps into place, creating a branch for any raceway size (3/4" - 2").

### Conduit Fasteners and Clamps

Available for all sizes of Kwikpath raceway, IPEX conduit clamps enable contractors to quickly and easily secure raceways.

### Panels and Cross-Connects

Larger sizes of Kwikpath raceway are ideal for cable "bundles" and large riser "highways," while smaller raceway is best suited for individual home-run cables that are routed from cross-connects to each individual work station.

## KWIKPATH® RESI



### RESI RACEWAY

Kwikpath Resi is a flexible raceway system created especially for residential communications systems, arranging and organizing telephone, ethernet, satellite, internet, video, security and sound cabling. Installing Kwikpath Resi into a home allows the owner to add or change cabling without having to tear out walls or surface-mount cables along walls and baseboards. Its caramel color makes it easily recognizable and visible preventing damage to cabling when renovations require tradesmen to enter or change the walls.

#### Kwikpath Resi Communication Raceway – Coil Empty

Size	Length	Part Number	Product Code
3/4"	200'	KPH075C	127001
1"	200'	KPH100C	127002
1-1/4"	200'	KPH125C	127003
1-1/2"	200'	KPH150C	127004
2"	200'	KPH200C	127005

#### Kwikpath Resi Communication Raceway – Reel Empty

Size	Length	Part Number	Product Code
3/4"	1000'	KPH075R	127006
1"	1000'	KPH100R	127007
1-1/4"	1000'	KPH125R	127008
1-1/2"	750'	KPH150R	127009
2"	500'	KPH200R	127010

### RESI FITTINGS

Kwikpath Resi couplings and terminal adapters are available in 3/4" to 2" sizes and are also Kwikpath Riser fittings.

Kwikpath fittings need no messy cement bonding: their unique six locking tab design offers tremendous pull-out strength and ensures once a fitting is connected, it stays connected. Our plenum rated Y-Coupler quickly snaps into place, creating a branch for any raceway size (3/4" to 2").

#### Resi (Riser) Coupling



Size	Part Number	Product Code
3/4"	KPRC075	132655
1"	KPRC100	132656
1-1/4"	KPRC125	132657
1-1/2"	KPRC150	132658
2"	KPRC200	132659

#### Resi (Riser) Terminal Adapter C/W Lockout



Size	Part Number	Product Code
3/4"	KRTA075	132665
1"	KRTA100	132666
1-1/4"	KRTA125	132667
1-1/2"	KRTA150	132668
2"	KRTA200	132669

### PACKAGING

200' coils are packaged individually in corrugated boxed cartons for ease of handling and dispensing.



#### Y-Coupler



Size	Part Number	Product Code
3/4" - 2"	KPPY075-200	132011

## RISER RACEWAY

The backbone of the structured cabling system, Kwikpath Riser is a nonmetallic, flexible PVC corrugated product manufactured and tested specifically for riser applications. Easily identified by its mandarin orange color, it's available in convenient coil or reel packaging with sequential markers every 1 foot.



**Kwikpath Riser Communication Raceway – Coil with Pull Tape\***

Size	Length	Part Number	Product Code
3/4"	200'	KPR075TC	125026
1"	200'	KPR100TC	125011
1-1/4"	200'	KPR125TC	125012
1-1/2"	200'	KPR150TC	125013
2"	200'	KPR200TC	125014

\* Also available without pull tape - minimum quantity required.



**Kwikpath Riser Communication Raceway – Reel with Pull Tape**

Size	Length	Part Number	Product Code
3/4"	1000'	KPR075TR	125027
1"	1000'	KPR100TR	125015
1"	2500'	KPR100TR48	125023
1"	5000'	KPR100TR72	125025
1-1/4"	1000'	KPR125TR	125016
1-1/4"	4000'	KPR125TR72	125024
1-1/2"	750'	KPR150TR	125017
2"	500'	KPR200TR	125018

## RISER FITTINGS

Made from the same material as Kwikpath Riser Raceway, Kwikpath Riser couplings and terminal adapters are available in 3/4" to 2" sizes.

Kwikpath fittings need no messy cement bonding: their unique six locking tab design offers tremendous pull-out strength and ensures once a fitting is connected, it stays connected. Our plenum rated Y-Coupler quickly snaps into place, creating a branch for any raceway size (3/4" to 2").

### Riser Coupling

Size	Part Number	Product Code
3/4"	KPRC075	132655
1"	KPRC100	132656
1-1/4"	KPRC125	132657
1-1/2"	KPRC150	132658
2"	KPRC200	132659



### Riser Terminal Adapter C/W Lockout

Size	Part Number	Product Code
3/4"	KRTA075	132665
1"	KRTA100	132666
1-1/4"	KRTA125	132667
1-1/2"	KRTA150	132668
2"	KRTA200	132669



## PACKAGING

200' coils are packaged individually in corrugated boxed cartons for ease of handling and dispensing.



### Y-Coupler

Size	Part Number	Product Code
3/4" - 2"	KPPY075-200	132011



## KWIKPATH® PLENUM

### PLENUM RACEWAY

Kwikpath Plenum is made from a UL approved compound and like Kwikpath Riser, forms nonmetallic, flexible corrugated cable raceways. Vibrant orange in color, Kwikpath Plenum meets the UL tests on flame propagation and smoke density with values well below the standard requirements. This heat/smoke-resistance make it an ideal raceway to run Optical Fiber Cables (OFPN) and/or Communication Cables (CMP/CMP-OF) through plenums and other spaces used for environmental air. Kwikpath Plenum comes with sequential markers every 1 foot.



**Kwikpath Plenum Communication Raceway – Coil with Pull Tape\***

Size	Length	Part Number	Product Code
3/4"	200'	KPP075TC	124020
1"	200'	KPP100TC	124011
1-1/4"	200'	KPV125TC	124062
1-1/2"	200'	KPV150TC	124063
2"	200'	KPV200TC	124064

\* Also available without pull tape - minimum quantity required.



**Kwikpath Plenum Communication Raceway – Reel with Pull Tape**

Size	Length	Part Number	Product Code
3/4"	1000'	KPP075TR	124021
1"	1000'	KPP100TR	124015
1"	2500'	KPP100TR48	124022
1"	5000'	KPP100TR72	124023
1-1/4"	1000'	KPV125TR	124066
1-1/4"	4000'	KPP125TR72	124024
1-1/2"	750'	KPV150TR	124067
2"	500'	KPV200TR	124068

### PLENUM FITTINGS

Kwikpath Plenum fittings are molded from approved material to be used with Kwikpath Plenum raceway meeting all UL requirements. For this reason, Kwikpath Plenum fittings ensure system integrity and eliminate worries about whether the fittings are approved for use. The fitting's convenient snap-on design ensures quick and easy installation as well as tremendous pull-out strength. Fully UL approved for Plenum use, the Y-Coupler quickly snaps into place, creating a branch for any new or existing raceway size (3/4" to 2").

**Plenum Coupling**

Size	Part Number	Product Code
3/4"	KPP075	132650
1"	KPP100	132651
1-1/4"	KPP125	132652
1-1/2"	KPP150	132653
2"	KPP200	132654



**Plenum Terminal Adapter C/W Lockout**

Size	Part Number	Product Code
3/4"	KPTA075	132660
1"	KPTA100	132661
1-1/4"	KPTA125	132662
1-1/2"	KPTA150	132663
2"	KPTA200	132664



### PACKAGING

200' coils are packaged individually in corrugated boxed cartons for ease of handling and dispensing.

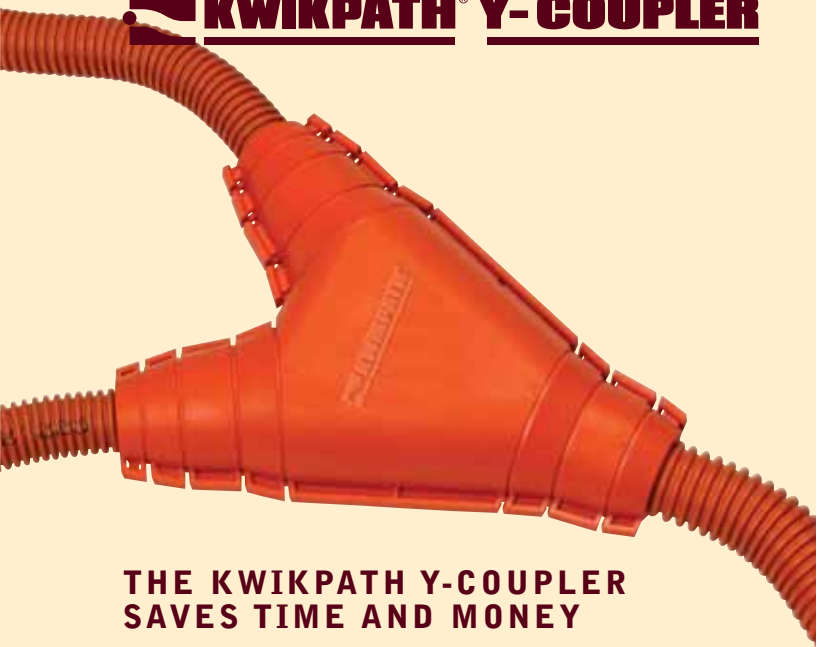


**Y-Coupler**

Size	Part Number	Product Code
3/4" - 2"	KPPY075-200	132011



## KWIKPATH® Y-COUPLER




### THE KWIKPATH Y-COUPLER SAVES TIME AND MONEY

The Kwikpath Y-Coupler is a simple and cost effective method used to branch off from an existing corrugated raceway without the hassle of removing existing cables and using large, expensive pull boxes. Also, the Y-Coupler will reduce network downtime because existing cables will not have to be removed for retrofit projects.

Manufactured in Kwikpath orange and fully UL approved for Plenum use, the Y-Coupler quickly snaps into place, creating a branch for any raceway size (3/4" - 2").

### FEATURES

- Plenum-rated 
- Branch off without removing cables
- One part for all raceways sizes (3/4" - 2")
- Cost effective vs. pull boxes
- Ideal for confined spaces



Part of the totally integrated Kwikpath Raceway System.

### CUTTING TOOL

While no special tools are needed to install Kwikpath, Kwikon® cutters easily cut Kwikpath raceways to your exact specifications.

Part Number	Product Code	Description
CLC20	088210	Cutting tool 1/2" - 1"
CLC35	088915	Cutting tool 1/2" - 2"
SSB	088211	Replacement Blade CLC20
SB35	088916	Replacement Blade CLC35



### RISER/RESI STRAPS

Manufactured of the same material as Riser/RESI raceway, Kwikpath 2-hole pipe straps provide proper support of Riser/RESI raceways.

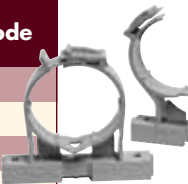
Size	Part Number	Product Code
3/4"	KPS075	132006
1"	KPS100	132007
1-1/4"	KPS125	132008
1-1/2"	KPS150	132009
2"	KPS200	132010



### CONDUIT CLAMP & SPACERS

The Conduit Clamp and Spacers are engineered to accommodate proper expansion and contraction of conduits and to prevent unwanted clamp opening.

Size	Part Number	Product Code
1/2"	CCS10	077794
3/4"	CCS15	077796
1"	CCS20	077797
1-1/4"	CCS25	077798
1-1/2"	CCS30	077799
2"	CCS35	077800
Strut Base	CCS-B	077343



# ACCESSORIES

## SEAL END PLUGS

For temporary and long-term closure of raceway ends, the insertion of sealing end plugs ensures the raceway conduit remains clean and ready for future needs.

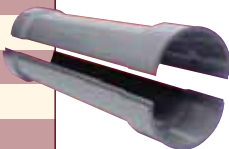
Size	Part Number	Product Code
3/4"	SEP075	132000
1"	SEP100	132001
1-1/4"	SEP125	132002
1-1/2"	SEP150	132003
2"	SEP200	132004



## EPR CONDUIT REPAIR KIT

The total repair system for broken and damaged PVC conduit. With unique interlocking joints, the EPR Kits' two half shell bell by bell pieces close around the installed wire and cable.

Size	Part Number	Product Code
1-1/4"	EPR25	077976
1-1/2"	EPR30	077971
2"	EPR35	077972
2-1/2"	EPR40	077973
3"	EPR45	077974
4"	EPR55	077975
5"	EPR60	077977
6"	EPR65	077979



## PE FUSION

PE Fusion is a high strength modified acrylic adhesive, formulated to chemically bond a variety of dissimilar materials. It is ideal for use with EPR Kits.

Part Number	Product Code	Description
PEFKIT	178182	PE Fusion Kit
PEFCASE	178183	PE Fusion Case
PEF35	178184	PE Fusion 35ml Cartridge
PEFTIP	178185	PE Fusion Static Mixer Tip

