

Optical Fiber & Communication Cable Raceway Systems



 **KWIKPATH**TM
COMMUNICATION RACEWAY SYSTEMS

COMMUNICATION RACEWAY SYSTEMS

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

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IPEX

We build tough products for tough environments®

THE KWIKPATH™ SYSTEM

A PATHWAY TO BETTER CABLE MANAGEMENT

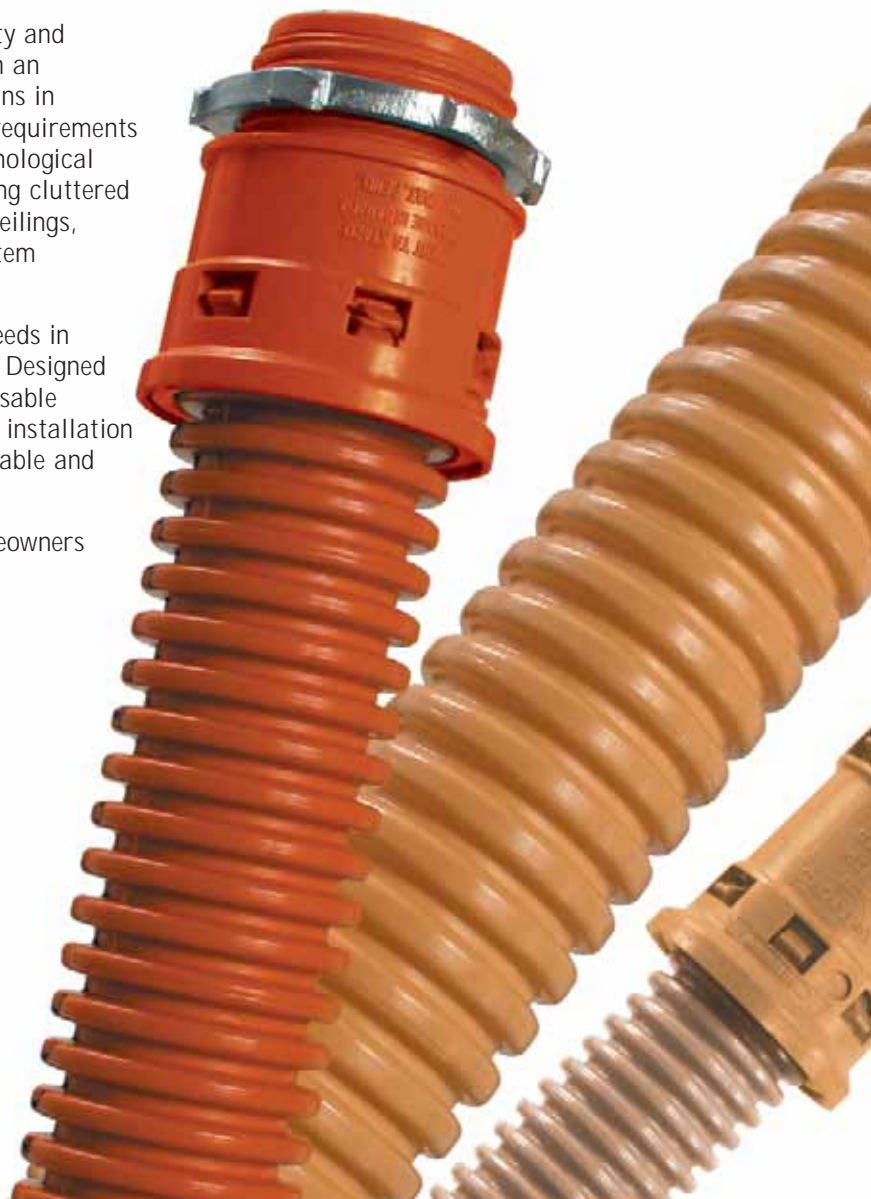
Telephones. Video. TV. Internet. Data networks. Security and alarm systems. In recent years, contractors have seen an explosion of new and sophisticated cabling installations in commercial buildings and homes. Moreover, these cabling requirements are constantly changing and evolving to keep up with technological advances. As a result, buildings and homes are accumulating cluttered tangles of wires and abandoned cables in their walls and ceilings, posing fire hazards and health risks as well as making 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?



With the extensive amount of cables being installed on our job sites, the potential threat of a cable being damaged during construction is high. In addition, more and more customers are asking for a solution that enables them to update their cables for future applications. Kwikpath provides us the protection and upgradeability we were looking for, and it's ease-of-use let's us get our jobs done well ahead of schedule. Kwikpath is a great product and has certainly improved the quality and value of our structured cabling systems.

Paul Reynolds, Mediahome Systems.



BENEFITS

COMPLIANCE TO BUILDING REGULATIONS

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



EASY CABLE INSTALLATION AND REMOVAL

Kwikpath is designed to allow easier cable installation and removal than other raceway systems. Simply pull cables up or down through the raceway—no more fishing new cables blindly through walls or ceilings, no more punctured walls.



REDUCES COSTS NOW AND OVER LONG TERM

Kwikpath not only saves time and money because it's fast and easy to install, but also because it reduces renovation costs down the road in the event of a change of tenants or a change in cabling needs.



HEALTH AND SAFETY OF BUILDING OCCUPANTS

Kwikpath eliminates dust-collecting clutter in air plenums and eliminates the fire and health risks that abandoned cables pose to building occupants.



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

Kwikpath 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, 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 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.



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



INSTALLING KWIKPATH IS THIS EASY

1 UNROLL KWIKPATH TO DESIRED LENGTH

Available in convenient coil lengths of 200 ft. and reel lengths up to 1000 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 tubing 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

Not 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 only raceway and fitting UL-approved combination on the market. No one else can guarantee you a 100% integrated raceway/fitting system that eliminates all building code compliance concerns.

We're also mindful of the 2002 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 2002

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 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).

UL 2024 GENERAL PURPOSE

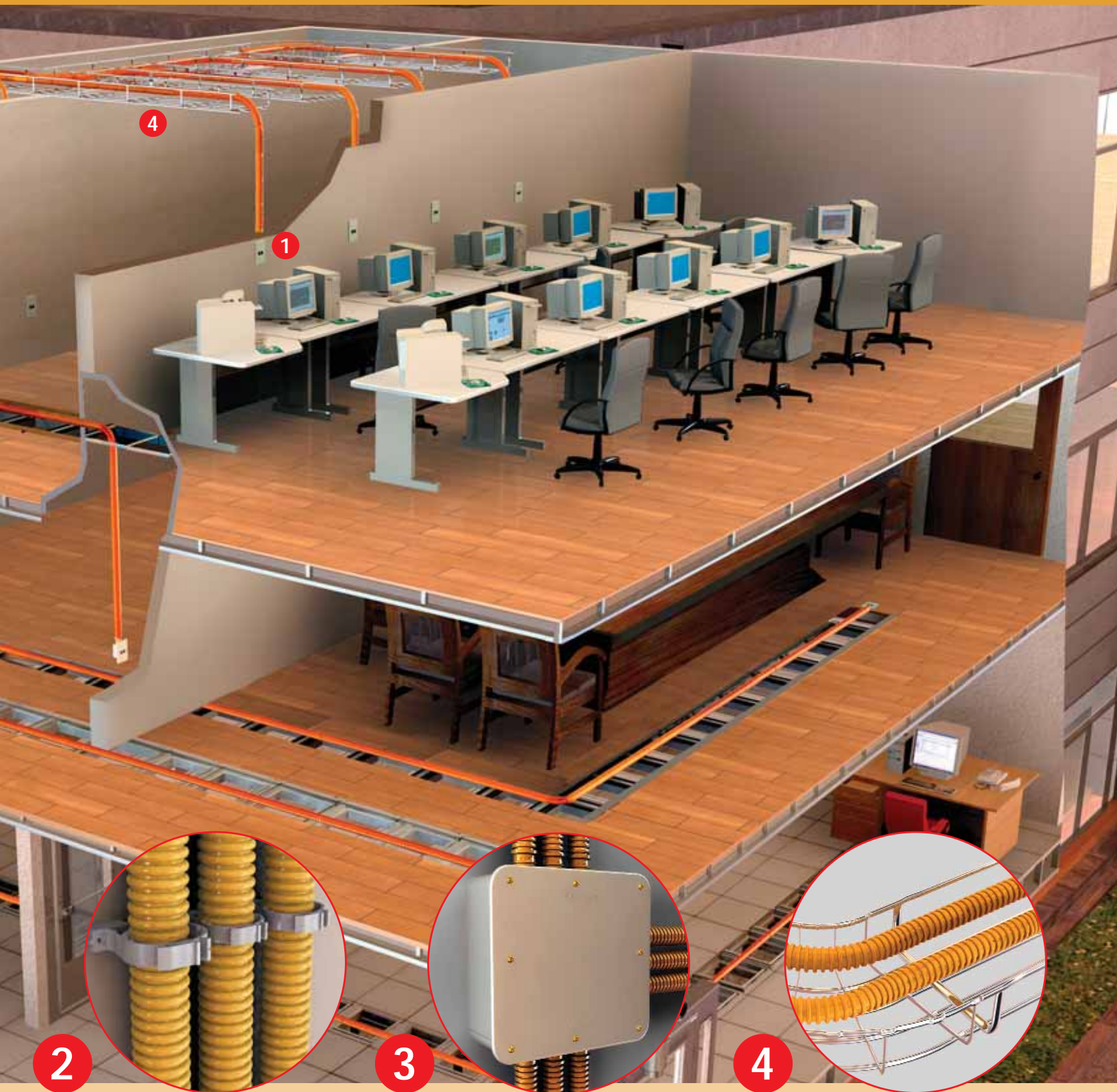
Kwikpath Resi is a fitting and raceway combination meeting UL 2024 standards for flame damage and (vertical-tray) flame test.



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.



2

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

3

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.

4

Existing Infrastructure
To ensure compliance to fire-ratings in ceilings, Kwikpath Plenum can be easily laid in existing cable trays, tied into existing cable management systems or used independently.

KWIKPATH™ RISER

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 pale orange color, it's available in convenient coil or reel packaging.



Kwikpath Riser Communication Raceway – Coil Empty

Size	Length	Part Number	Product Code
3/4"	200'	KPR075C	125001
1"	200'	KPR100C	125002
1-1/4"	200'	KPR125C	125003
1-1/2"	200'	KPR150C	125004
2"	200'	KPR200C	125005

Kwikpath Riser Communication Raceway – Reel Empty

Size	Length	Part Number	Product Code
3/4"	1000'	KPR075R	125006
1"	1000'	KPR100R	125007
1-1/4"	1000'	KPR125R	125008
1-1/2"	750'	KPR150R	125009
2"	500'	KPR200R	125010

Kwikpath Riser Communication Raceway – Coil with Pull Tape

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

Kwikpath Riser Communication Raceway – Reel with Pull Tape

Size	Length	Part Number	Product Code
1"	1000'	KPR100TR	125015
1-1/4"	1000'	KPR125TR	125016
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.

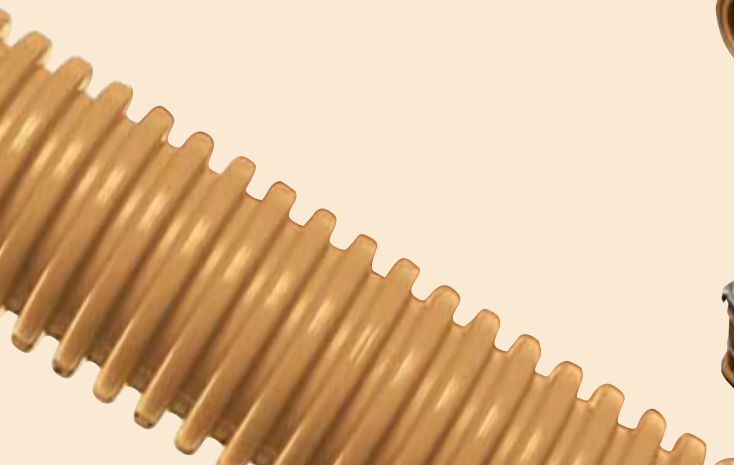
Riser Coupling

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

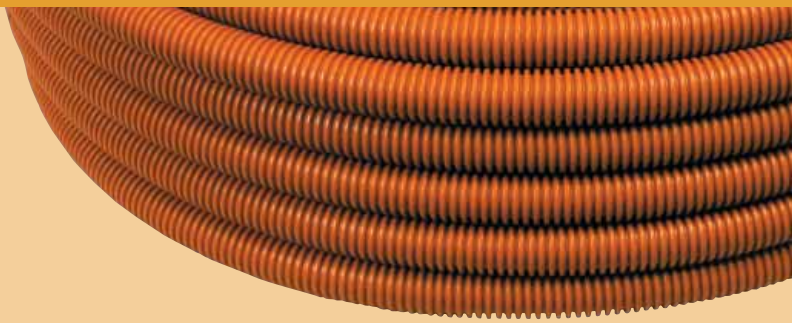


Riser Terminal Adapter C/W Lockout

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



KWIKPATH™ PLENUM



PLENUM RACEWAY

Kwikpath Plenum is made from a PVDF 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 Communication Raceway – Coil Empty

Size	Length	Part Number	Product Code
3/4"	200'	KPV075C	124051
1"	200'	KPV100C	124052
1-1/4"	200'	KPV125C	124053
1-1/2"	200'	KPV150C	124054
2"	200'	KPV200C	124055

Kwikpath Plenum Communication Raceway – Reel Empty

Size	Length	Part Number	Product Code
3/4"	1000'	KPV075R	124056
1"	1000'	KPV100R	124057
1-1/4"	1000'	KPV125R	124058
1-1/2"	750'	KPV150R	124059
2"	500'	KPV200R	124060

Kwikpath Plenum Communication Raceway – Coil with Pull Tape

Size	Length	Part Number	Product Code
1"	200'	KPV100TC	124061
1-1/4"	200'	KPV125TC	124062
1-1/2"	200'	KPV150TC	124063
2"	200'	KPV200TC	124064

Kwikpath Plenum Communication Raceway – Reel with Pull Tape

Size	Length	Part Number	Product Code
1"	1000'	KPV100TR	124065
1-1/4"	1000'	KPV125TR	124066
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.

Plenum Coupling

Size	Part Number	Product Code
3/4"	KPPC075	132650
1"	KPPC100	132651
1-1/4"	KPPC125	132652
1-1/2"	KPPC150	132653
2"	KPPC200	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



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.



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.

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 (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





ACCESSORIES

CUTTING TOOLS

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

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

RISER/RESI STRAPS



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

PACKAGING



Coils are packaged individually in corrugated boxed cartons for ease of handling and dispensing.

Complete this card and fax it back to us at (905) 403-1124.

Name _____

Title _____ Dept. _____

Company _____

Address _____

City _____ State _____

ZIP _____ Phone _____

Fax _____ E-mail _____

Company classification:

- Architect/Design Firm
- Builder/Developer
- Operator/Plant Maintenance
- Contractor
- Distributor/Wholesaler
- Engineering Firm
- Government
- OEM - Product(s) Manufactured: _____
- Utility
- Other: _____

I would like more information on:

- Kwikflex Liquidtight & Fittings
- Super Duct Power & Communication Duct
- FiberTel HDPE Duct
- Kwikon ENT & Fittings
- Scepter Rigid PVC Conduit & Fittings

I would also like to know about other IPEX products:

- Electrical Systems
- Plumbing and mechanical piping systems
- Municipal pressure and gravity piping systems
- PE Electrofusion systems for gas and water
- Industrial process piping systems
- Radiant heating systems

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About IPEX

IPEX is a leading supplier of thermoplastic piping systems. We provide our customers with one of the world's largest and most comprehensive product lines. All IPEX products are backed by over 50 years of experience. With state-of-the-art manufacturing facilities and distribution centers across North America, the IPEX name is synonymous with quality and performance.

Our products and systems have been designed for a broad range of customers and markets. Contact us for information on:

- Telecommunications systems
- Electrical systems
- PVC, CPVC, PP, ABS, PEX, FR-PVDF and PE pipe and fittings (1/4" to 48")
- Municipal pressure and gravity piping systems
- PE Electrofusion systems for gas and water
- Plumbing and mechanical piping systems
- Industrial process piping systems
- Industrial, plumbing and electrical cements
- Irrigation systems
- Radiant heating systems

WARRANTY: All of the company's Products are guaranteed against defects resulting from faulty workmanship or materials. The Company will replace, free of charge, including shipping charges for the replacement Products, any Products which are found to be defective in workmanship or material, provided that the following conditions are met:

- a) the Company is promptly notified in writing of such defect immediately upon discovery of same, and the defective Product is promptly returned to the Company;
- b) the defect is not due, without limitation, to faulty installation, misalignment of Products, vibration, ordinary wear and tear, corrosion, erosion, U.V. degradation, incompatible lubricants, pastes and thread sealants, unusual pressure surges or pulsation, water hammer, temperature shocking, or fouling; and
- c) the Products have not been altered or modified after leaving the Company's premises.

The warranty period can be specifically limited for certain Products as stated in writing in the Company's literature.

The Company will not allow claims for labor, materials and/or other expenses required to replace the defective Product, or to repair any damage resulting from the use thereof. The Company disclaims any responsibility for the Purchaser's calculations, product drawings or engineering design specifications. The Company's liability is limited to the purchase price applicable to the product.

It is agreed and understood that the Company's liability in respect to the sale is strictly limited to the replacement of Products as hereinbefore specified and that the Company shall not, in any event, be liable for any damages whether for the loss of use or business interruption or any other claim for incidental, consequential, special or punitive damages. There is no warranty, condition or representation of any nature whatsoever, expressed or implied, by statute or otherwise, except as herein contained, and the Company disclaims any implied warranties of merchantability and/or fitness of its Products for a special purpose.

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