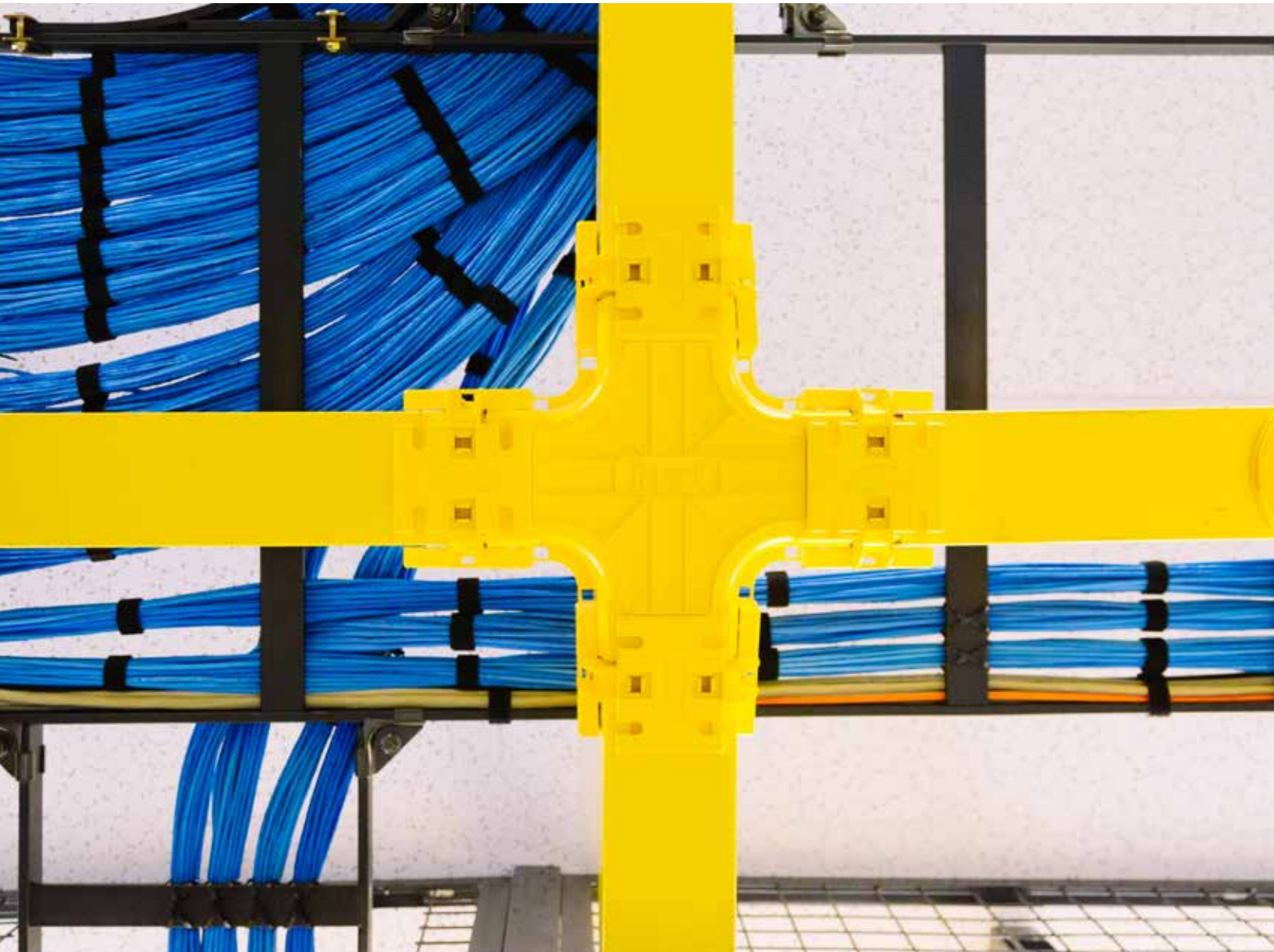


WaveTrax™

Fiber Cable Management System



we simplify networks.

Telect.

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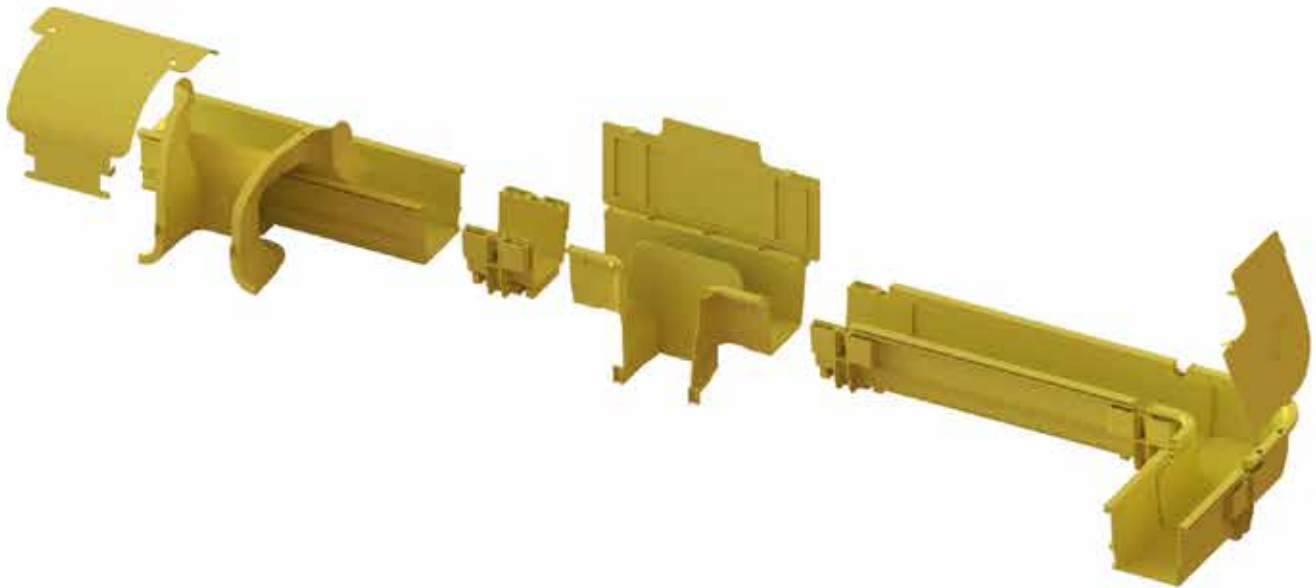
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WaveTrax™

Fiber Cable Management System

Overview

Telect's WaveTrax Fiber Cable Management System is a robust overhead fiber cable management system that is designed for rapid assembly and installation. WaveTrax fiber raceway is designed to manage, route and protect fiber cables both horizontally and vertically throughout an entire network.



WAVETRAX SNAP-TOGETHER DESIGN

WaveTrax™

Fiber Cable Management System

Express Design

Telect WaveTrax is designed with Express features that accelerate installation.

FastLock Couplers

Quick snap-together design



Express Off-Ramps

Create Instant Fiber Drops



Express T's

Create Instant Fiber Runs



Express Brackets

Clamp to trough without hardware



Express Covers

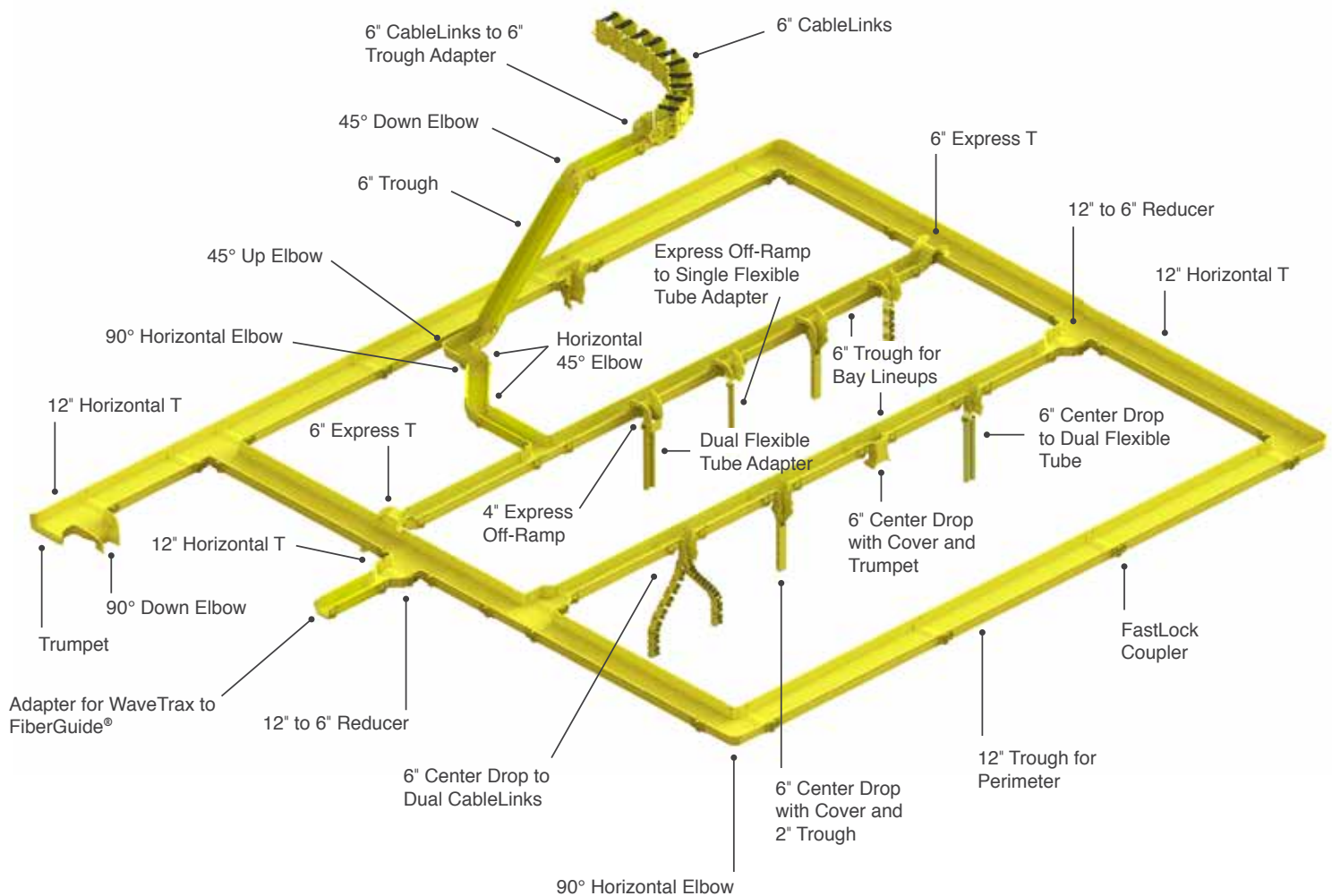
Snap on and hinge without hardware



WaveTrax™

Fiber Cable Management System

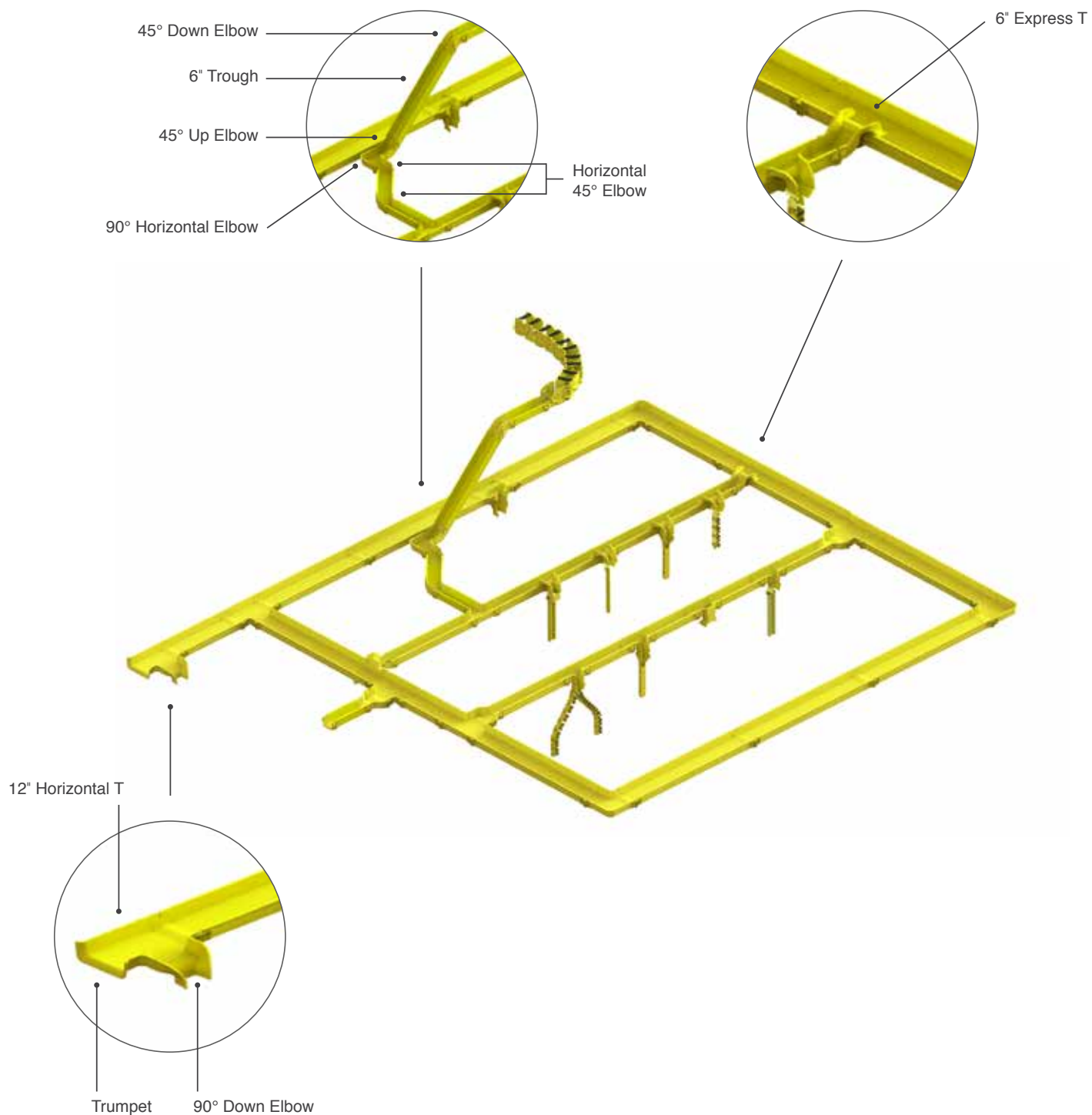
WaveTrax System



WaveTrax™

Fiber Cable Management System

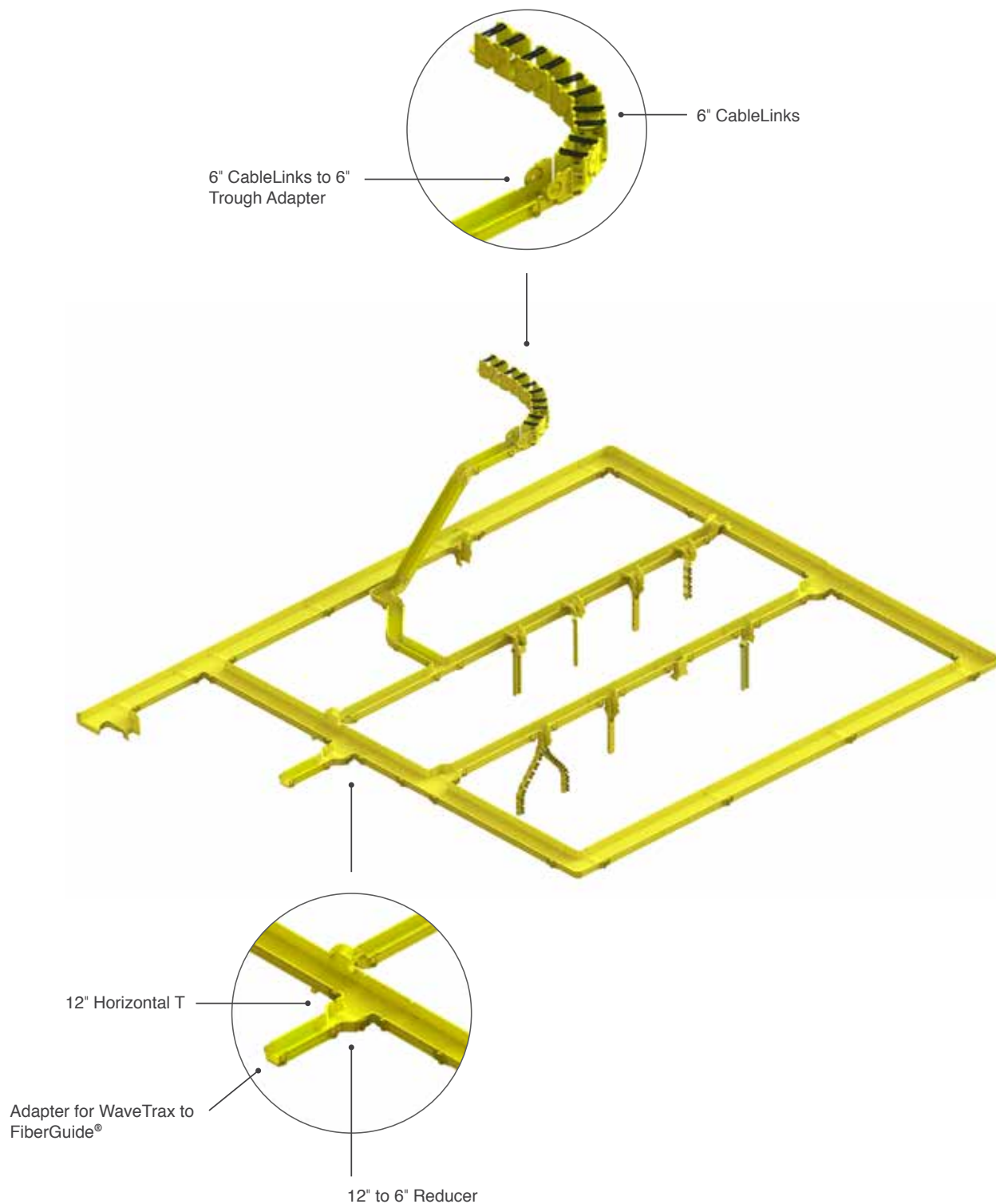
WaveTrax System



WaveTrax™

Fiber Cable Management System

WaveTrax System



WaveTrax™

Fiber Cable Management System

Fiber Trough System

Trough

- 6 foot length
- The WaveTrax Trough Notching Tool 027-2000-1100 adds positive snap-fit features for engaging trough into FastLock Couplers

Width	Part Number
2"	027-2000-4206
4"	027-2000-4001
6"	027-2000-6401
12"	027-2000-12406



Trough Cover

- 6 foot length
- WaveTrax Express Trough Covers require no hardware to attach and have a living hinge for ease of access

Width	Part Number
2"	027-2000-4202
4"	027-2000-4002
6"	027-2000-6402
12"	027-2000-12402



Trough Notching Tool

- The WaveTrax Trough Notching Tool adds snap-fit features into the trough for positive engagement into FastLock Couplers

Width	Part Number
All	027-2000-1100



WaveTrax™

Fiber Cable Management System

Fiber Trough System

FastLock Couplers

- Tool-less, snap fit junction for coupling trough, T's, intersections, elbows and sweep transitions
- FastLock Couplers can each be attached to Telect support brackets with a 3/8 inch bolt

Width	Part Number
2"	027-2000-4299
4"	027-2000-4099
6"	027-2000-6499
12"	027-1000-12499



Competitive FastLock Couplers

- Convert FiberGuide® trough to Telect WaveTrax trough*

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Width	Part Number
2"	027-1000-4279
4"	027-2000-4007
6"	027-2000-6407
12"	027-1000-12407



WaveTrax 4" and 6" Support Bracket
027-1000-4052



WaveTrax 4" and 6" Support Bracket 027-1000-4052
WaveTrax Trough Support Clamp 027-2000-4060

WaveTrax™

Fiber Cable Management System

Fiber Trough System

Horizontal Elbow

- Horizontal Elbow creates a horizontal 90 degree connection

Width	Part Number
2"	027-2000-4224
4"	027-2000-4024
6"	027-2000-6424
12"	027-2000-12424



Horizontal Elbow Cover

- Cover snaps onto Horizontal Elbows and are hinged for ease of access to trough pathways

Width	Part Number
2"	027-2000-4225
4"	027-2000-4025
6"	027-2000-6425
12"	027-2000-12425



Horizontal T

- WaveTrax T intersection that attaches with FastLock Couplers
- 4", 6" and 12" T's directly connect to drop attachments, and trumpets without couplers

Width	Part Number
2"	027-2000-4210
4"	027-2000-4010
6"	027-2000-6410
12"	027-2000-12410



WaveTrax™

Fiber Cable Management System

Fiber Trough System

Horizontal T Cover

- Cover snaps onto Horizontal T with a built in hinge for ease of access to trough pathways

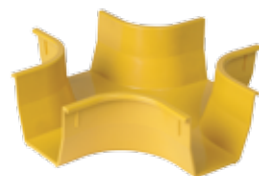
Width	Part Number
2"	027-2000-4211
4"	027-2000-4011
6"	027-2000-6411
12"	027-2000-12411



Horizontal Intersection

- Allows 90-degree intersection between two horizontal trough runs

Width	Part Number
2"	027-2000-4230
4"	027-2000-4030
6"	027-2000-6430
12"	027-2000-12430



Horizontal Intersection Cover

- Cover snaps onto Horizontal Intersection with a built in hinge for ease of access to trough pathways

Width	Part Number
2"	027-2000-4231
4"	027-2000-4031
6"	027-2000-6431
12"	027-2000-12431



WaveTrax™

Fiber Cable Management System

Fiber Trough System

Center Drop

- Allows vertical fiber drops out of a horizontal trough run

Width	Part Number
2"	027-1000-4227
4"	027-2000-4426
6"	027-2000-6426
12" to 4"	027-1000-12427
12" to 6"	027-1000-12426



Center Drop Cover

- Cover snaps onto Center Drop with a built in hinge for ease of access to trough pathways

Width	Part Number
4"	027-2000-4427
6"	027-2000-6427



Trumpet

- Trumpet provides bend radius protection for drops
- 4", 6", 12" trumpets attach directly to drops and transitions without couplers

Width	Part Number
2"	027-2000-4275
4"	027-2000-4075
6"	027-2000-6475
12"	027-2000-12475



WaveTrax™

Fiber Cable Management System

Fiber Trough System

End Cap

- Snaps on to horizontal elbows, T's, or cross intersections
- Use End Cap Connector for capping trough ends

Width	Part Number
2"	027-2000-4208
4"	027-2000-4008
6"	027-2000-6408
12"	027-2000-12408



End Cap Connector

- End Cap Connector allows End Cap to fit on trough without a Coupler

Width	Part Number
2"	Not required
4"	027-2000-4009
6"	027-2000-6409
12"	027-2000-12409



Reducers

- Snaps on to horizontal elbows, T's, or intersections
- 2" elbows require a coupler

Width	Part Number
4" to 2"	027-2000-4050
6" to 4"	027-2000-6450
12" to 6"	027-2000-12450



Reducer Covers

- Covers snap on to Reducers without any additional hardware

Width	Part Number
4" to 2"	027-2000-4051
6" to 4"	027-2000-6451
12" to 6"	027-2000-12451



WaveTrax™

Fiber Cable Management System

Fiber Trough System

Express Off-Ramp

- Express Off-Ramp is a modular drop that quickly snaps over the top of existing trough. Fits on 4", 6" and 12" WaveTrax
- Support with any flat profile bracket

Drop Width	Part Number
2" Drop	027-2000-4264
4" Drop	027-2000-4065



Express Off-Ramp with Express Bracket

- Express Off-Ramp is a modular drop that quickly snaps over the top of existing trough.
- Fits on 4", 6" and 12" trough
- Express bracket ratchets to attach securely to WaveTrax

Drop Width	Part Number
2" Drop	027-2000-4262
4" Drop	027-2000-4062



Express Off-Ramp for FiberGuide® or FiberRunner® Trough

- Express Off-Ramp is a modular drop that quickly snaps over the top of FiberGuide® and FiberRunner® trough*

Drop Width	Part Number	
2" Drop	027-C0406-4262	For 4" and 6" trough
4" Drop	027-C0406-4062	For 4" and 6" trough
4" Drop	027-C0012-4062	12" trough only



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WaveTrax™

Fiber Cable Management System

Fiber Trough System

Express Off-Ramp Cover

- Express Off-Ramp fits off-ramps with or without Express Brackets

Cover Width	Part Number
2" Cover	027-2000-4263
4" Cover	027-1000-4066



2" Express Off-Ramp to 2" CableLinks



2" Express Off-Ramp to Single Flexible Tubing

WaveTrax™

Fiber Cable Management System

Fiber Trough System

90 Degree Down Elbow

- Snaps on to horizontal L's, T's, or intersections
- 2" elbows require a coupler

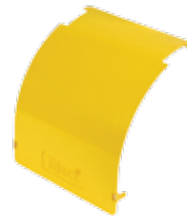
Trough Width	Part Number
2"	027-2000-4277
4"	027-2000-4077
6"	027-2000-6477
12" to 6"	027-2000-12477



90 Degree Down Elbow Covers

- Covers snap on

Trough Width	Part Number
2"	027-2000-4278
4"	027-2000-4078
6"	027-2000-6478
12"	027-2000-12402



90 Degree Up Elbow

- 90 degree elbow enables ease of transition to under-floor applications
- Aluminum construction

Trough Width	Part Number
2"	027-1000-4273
4"	027-1000-4473
6"	027-1000-6473
12"	027-1000-12473



WaveTrax™

Fiber Cable Management System

Fiber Trough System

90 Degree Up Elbow Cover

- Cover snaps onto 90 degree up elbow
- Aluminum construction

Trough Width	Part Number
4"	027-1000-4474
6"	027-1000-6474



45 Degree Up Elbow

- Allows 45-degree upsweep to ease elevation changes in fiber trough
- Aluminum construction

Trough Width	Part Number
2"	027-1000-4287
4"	027-1000-4487
6"	027-1000-6487
12"	027-1000-12487



WaveTrax™

Fiber Cable Management System

Express Trough Expansion – (Expand Trough Runs without Cutting)

6" Express T

- Express T snaps on to existing trough and eliminates cutting trough to add a 90 degree run
- The Express T creates a T intersection from a 6" trough to 4", 6" or 12" WaveTrax trough

Intersecting Trough	Part Number
4", 6" or 12" WaveTrax	027-2000-6412
4" or 6" FiberGuide® or FiberRunner®*	027-C0406-6412
12" FiberGuide® or FiberRunner®*	027-C0012-6412



6" Express T Cover

- Covers snap onto 6" Express T

Express T Width	Part Number
6"	027-2000-6413



12" Express T

- Express T snaps on to existing trough and eliminates cutting trough to add a 90 degree run
- The Express T creates a T intersection from a 12" trough to 4", 6" or 12" WaveTrax trough

Intersecting Trough	Part Number
4", 6" or 12" WaveTrax	027-2000-12412
12" FiberGuide® or FiberRunner®*	027-C0012-12412



12" Express T Cover

- Covers snap onto 12" Express T

Express T Width	Part Number
12"	027-2000-12413



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Express Trough Expansion – (Expand Trough Runs without Cutting)

Express Overpass

- Expand the width of an existing trough by connecting parallel trough with an Express Overpass
- Overpass can connect trough that is 4" to 12" apart

Overpass Width	Part Number
8"	027-2000-4066
8" FiberGuide® or FiberRunner®*	027-C0012-4066



Express Overpass Cover

- Cover snaps onto Express Overpass

Overpass Width	Part Number
8"	027-2000-4067



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WaveTrax™

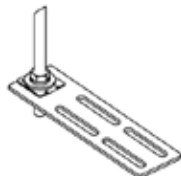
Fiber Cable Management System

Mounting Brackets

Support Bracket for Threaded Rod

- Supports WaveTrax Couplers on new or existing 5/8" threaded rod
- To support WaveTrax trough add Trough Support Clamp 027-2000-4060 or 027-2000-4260

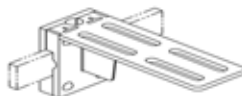
Trough Width	Part Number
2"	027-1000-4251
4" & 6"	027-1000-4051
12"	027-1000-12405



Universal Support Bracket

- Attaches to cable rack, walls, or 5/8" threaded rod to support WaveTrax Couplers
- To support WaveTrax trough add Trough Support Clamp 027-2000-4060 or 027-2000-4260

Trough Width	Part Number
2"	027-2000-4205
4"	027-1000-4004



Center Support Bracket

- Attaches to 5/8" threaded rod to support WaveTrax Couplers
- To support WaveTrax trough add Trough Support Clamp 027-2000-4060 or 027-2000-4260

Trough Width	Part Number
2"	027-1000-4252
4" & 6"	027-1000-4052
12"	027-1000-1250



WaveTrax™

Fiber Cable Management System

Mounting Brackets

C-Bracket

- Attaches to 5/8" threaded rod to support WaveTrax Couplers
- To support WaveTrax trough add Trough Support Clamp 027-2000-4060 or 027-2000-4260

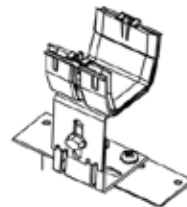
Trough Width	Part Number
2"	027-1000-4253
4" & 6"	027-1000-4053
12"	027-1000-1253



Adjustable Bracket

- Mounts to vertical rack flange
- 1.5" offset with 0.25" of adjustment
- To support 2" WaveTrax trough add Trough Support Clamp 027-2000-4260

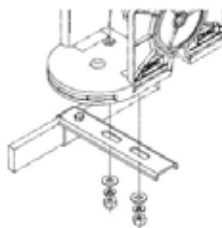
Trough Width	Part Number
2" Trough	027-1000-4216
2" CableLinks	027-1000-4211
4" CableLinks	027-1000-4117



Cable Rack Bracket

- Mounts to most styles of cable rack and auxiliary bar
- To support WaveTrax trough add Trough Support Clamp 027-2000-4060 or 027-2000-4260

Trough Width	Part Number
2"	027-1000-4260
4" & 6"	027-1000-4062



Mounting Brackets

Trough Support Clamp

- Trough support clamps attach to WaveTrax brackets to securely clamp and support WaveTrax trough

Trough Width	Part Number
2"	027-2000-4260
4", 6" & 12"	027-2000-4060



Threaded Rod Kit

- Mounts to most styles of cable rack and auxiliary bar
- Includes 5/8" threaded rod, clamshell brackets, and hardware

Allthread Length	Part Number
18"	027-1000-4002
40"	027-1000-4001



Clamshell Bracket Kit

- Bracket kit accommodates 5/8's threaded rod and fits most styles of cable rack and auxiliary bar

Part Number
027-1000-4103



WaveTrax™

Fiber Cable Management System

Vertical Fiber Management Solutions

2" Flexible Tube Adapter

- Attaches Single Flexible Tube to 2" Center Drop
- 2" Express Off-Ramp includes all flexible tube adapter hardware

Drop Width	Part Number
Single Tube	027-1000-4290



4" Flexible Tube Adapters

- Attaches to 4" Center Drops, or 4" Express Off-Ramps

Drop Width	Part Number
Single Tube	027-2000-2000
Dual Tube	027-2000-4016



4" Flexible Tube Adapter Cover

- Cover for Dual Tube Adapter

Drop Width	Part Number
4" Cover	027-2000-4018



Flexible Tubing

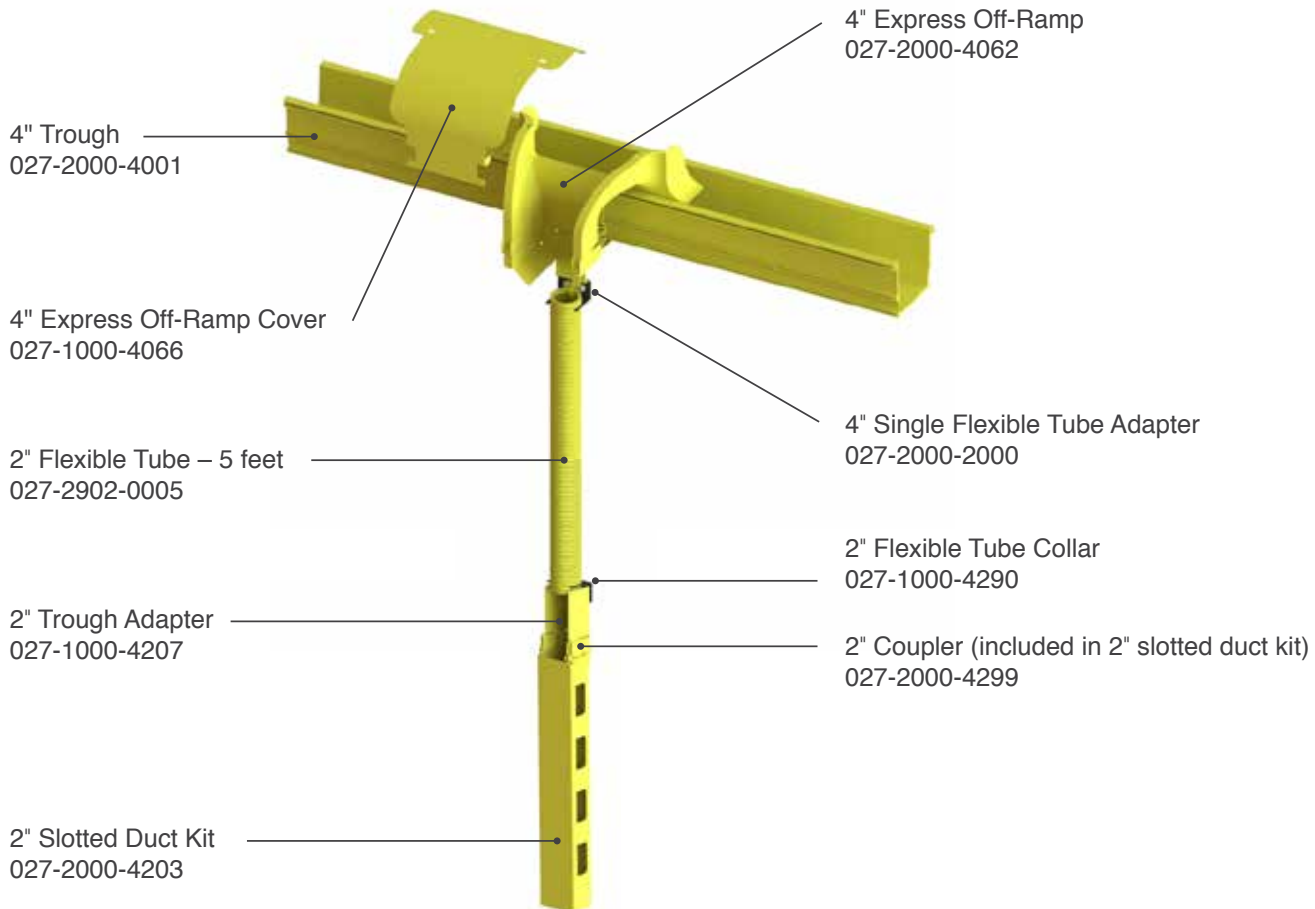
- 2" Flexible Tubing

Drop Width	Part Number
5 Feet	027-2902-0005
10 Feet	027-2902-0010
15 Feet	027-2902-0015
20 Feet	027-2902-0020
100 Feet	027-2902-0100

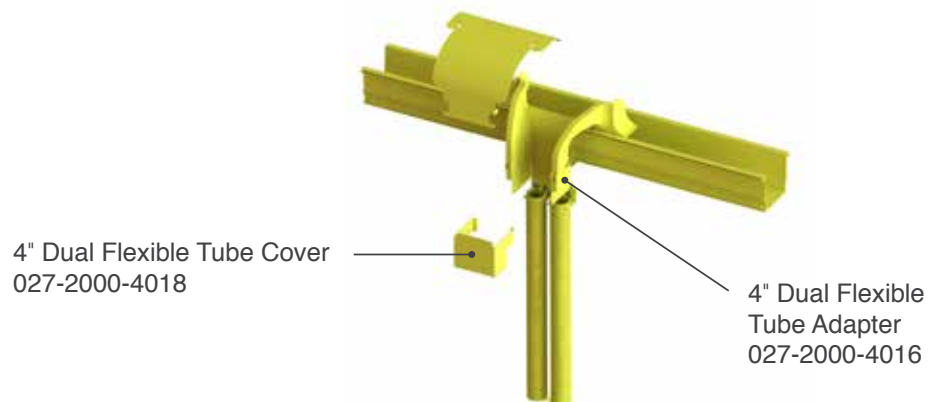


Vertical Fiber Management Solutions

4" Express Off-Ramp to Single Flexible Tube to Slotted Duct

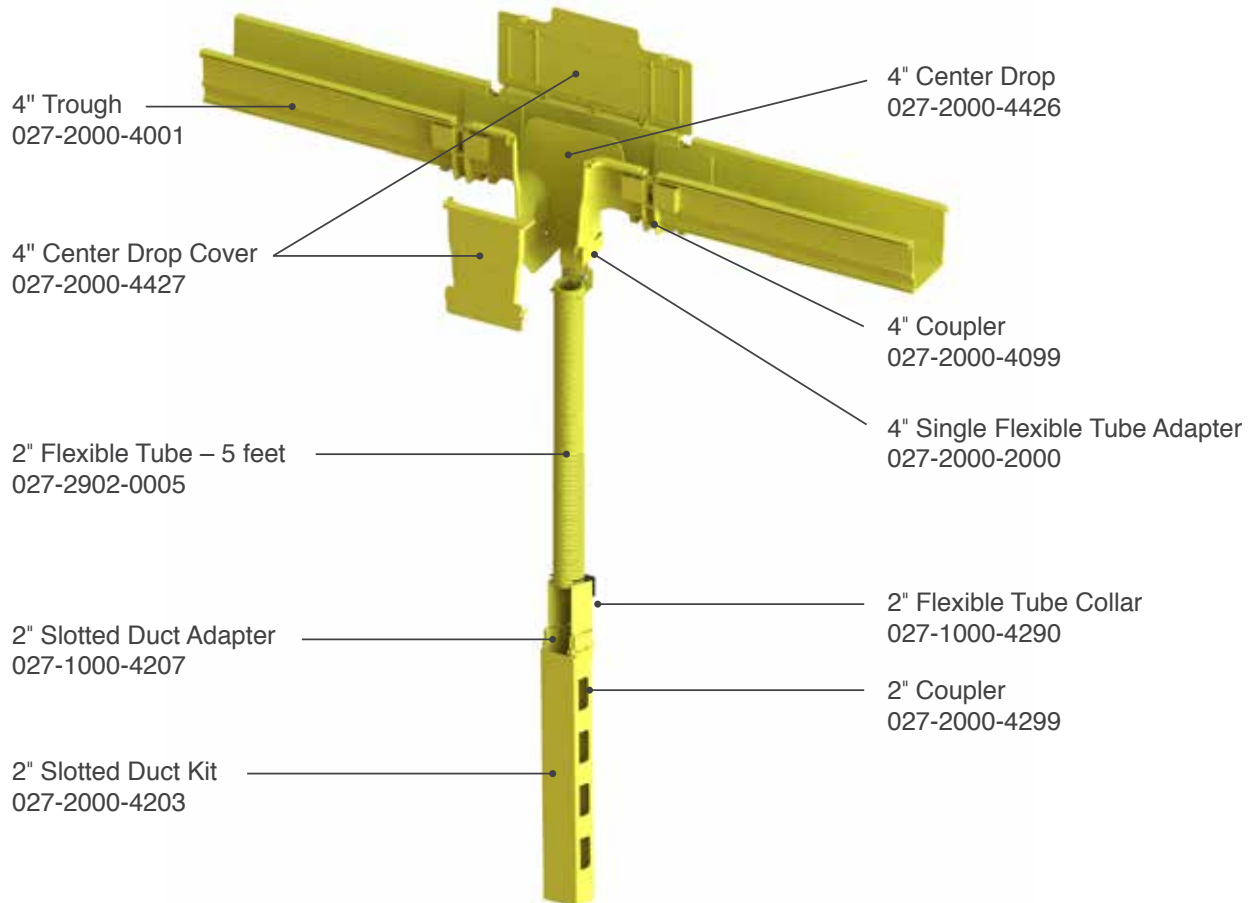


4" Express Off-Ramp to Dual Flexible Tube

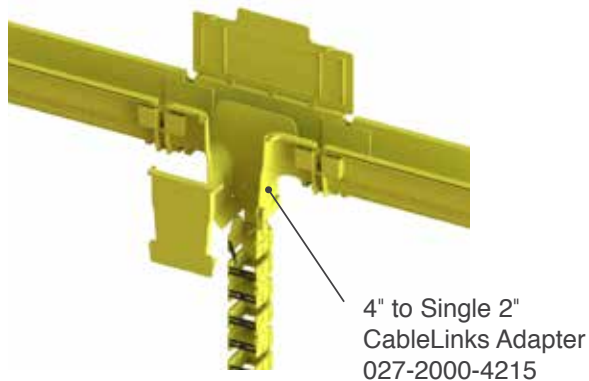


Vertical Fiber Management Solutions

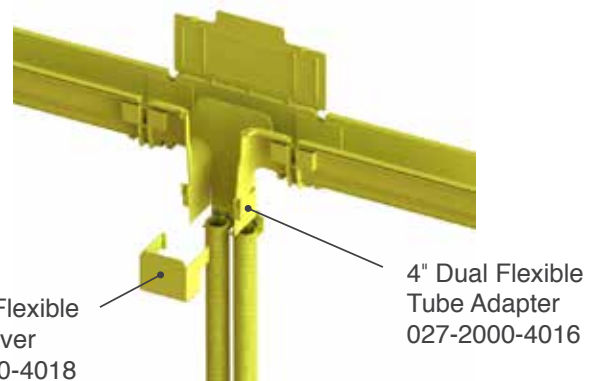
4" Center Drop to Single Flexible Tube to Slotted Duct



4" Center Drop to 2" CableLinks

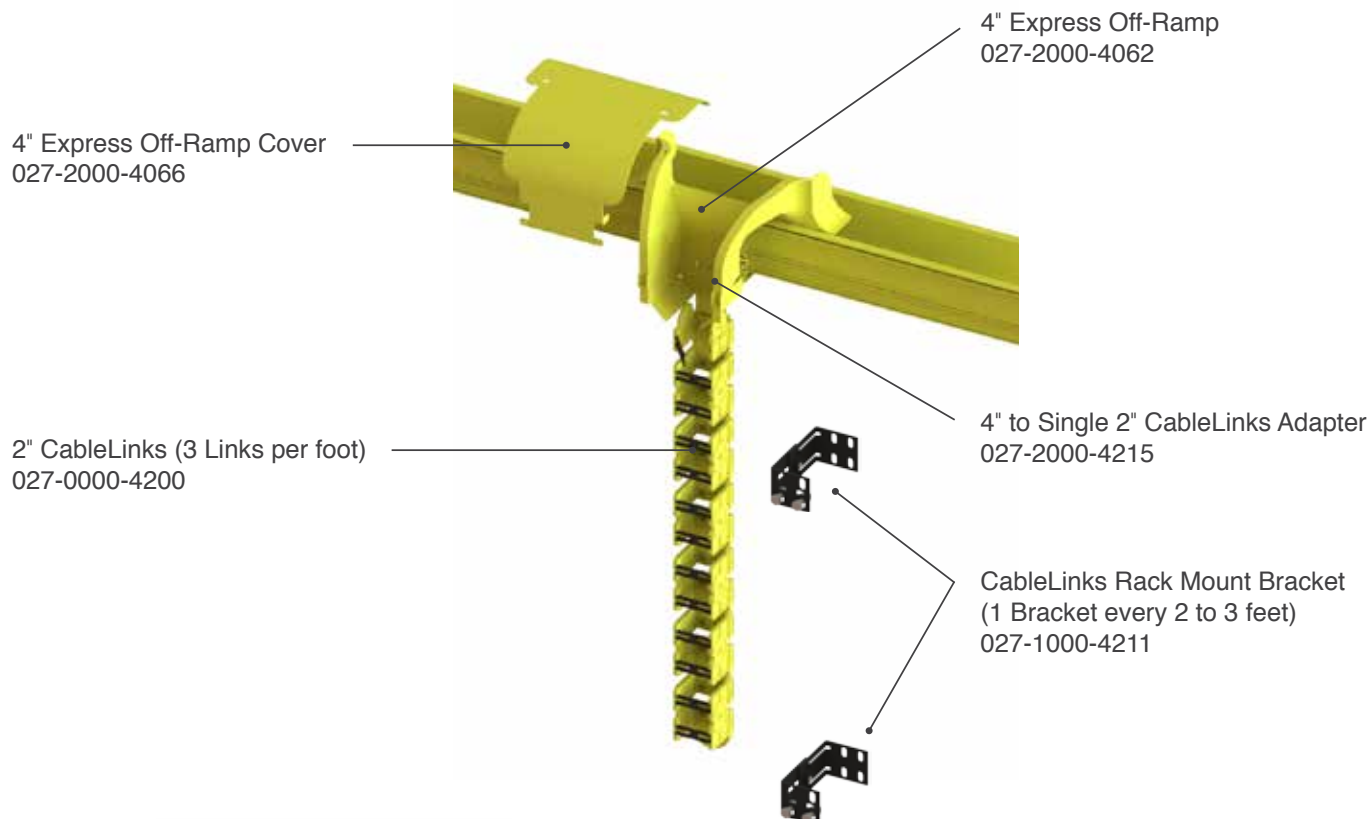


4" Center Drop to Dual Flexible Tube

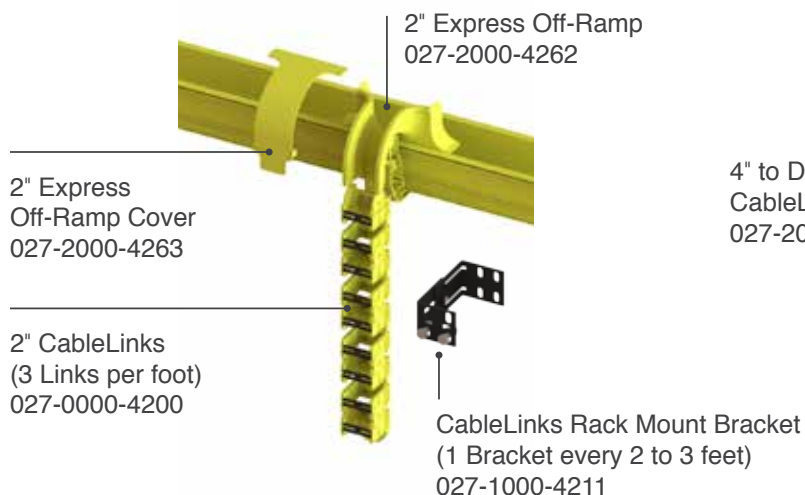


Vertical Fiber Management Solutions

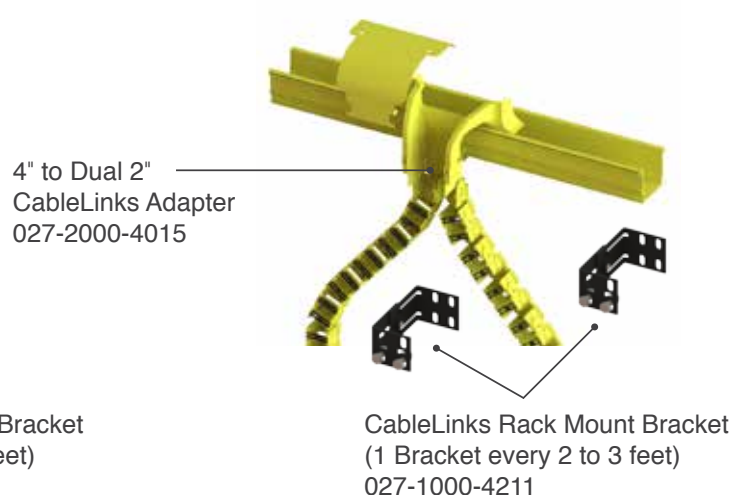
4" Express Off-Ramp to Single 2" CableLinks



2" Express Off-Ramp to Single CableLinks



4" Express Off-Ramp to Dual CableLinks



WaveTrax™

Fiber Cable Management System

Vertical Cable Management Solutions

CableLinks

- CableLinks offer flexible cable routing in all 3 axis while maintaining bend radius
- Ideal for routing from overhead down to equipment racks
- 2" CableLinks 1 foot is 3 links
- 4" CableLinks 2 feet is 3 links
- 6" CableLinks 3 feet is 4 links

Description	Part Number
2" Link	027-0000-4200
4" Link	027-0000-4000
6" Link	027-0000-6400



4" WaveTrax Adapter to 2" CableLinks

- Connects a single 2" CableLinks to 4" WaveTrax horizontal elbows, T's, or Intersections, 4" Express Off-Ramps, 4" Center Drop or 90 degree down elbows

Width	Part Number
4" to 2" CableLinks	027-2000-4215



4" WaveTrax Adapter to 2" or 4" CableLinks

- Connects dual 2" CableLinks or a single 4" CableLinks to 4" WaveTrax horizontal elbows, T's, Intersections, 4" Express Off-Ramps, 4" Center Drop or 90 degree down elbows

Trough Width	Part Number
2" or 4" CableLinks to 4" WaveTrax	027-2000-4015



WaveTrax™

Fiber Cable Management System

Vertical Cable Management Solutions

6" WaveTrax Adapter to 6" CableLinks

- Connects a 6" CableLinks to 6" WaveTrax L's, T's, or Intersections

Trough Width	Part Number
6" WaveTrax to 6" CableLinks	027-2000-6415



CableLinks to WaveTrax Trough Adapter

- Connects CableLinks to WaveTrax trough

Width	Part Number
2"	027-1000-4207
4"	027-2000-4090
6"	027-1000-6490



CableLinks Rack Mount Brackets

Width	Part Number
2", 4" or 6"	027-1000-4211

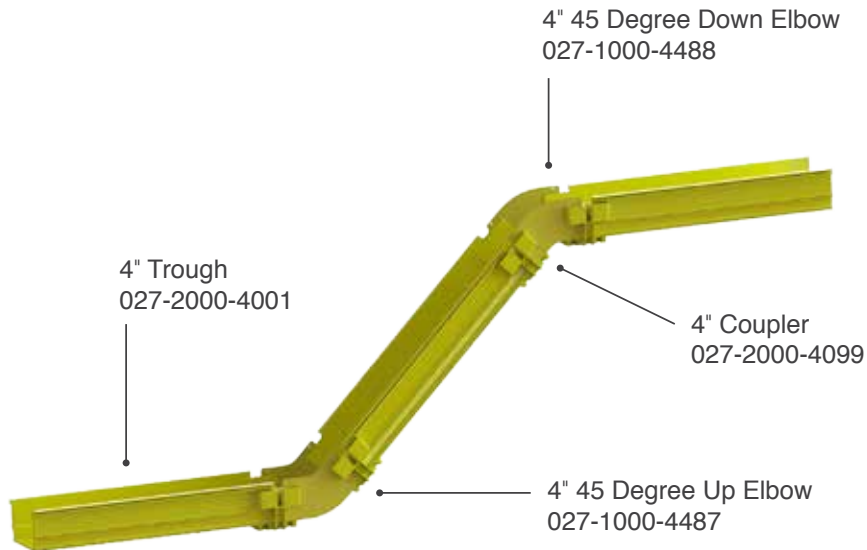


WaveTrax™

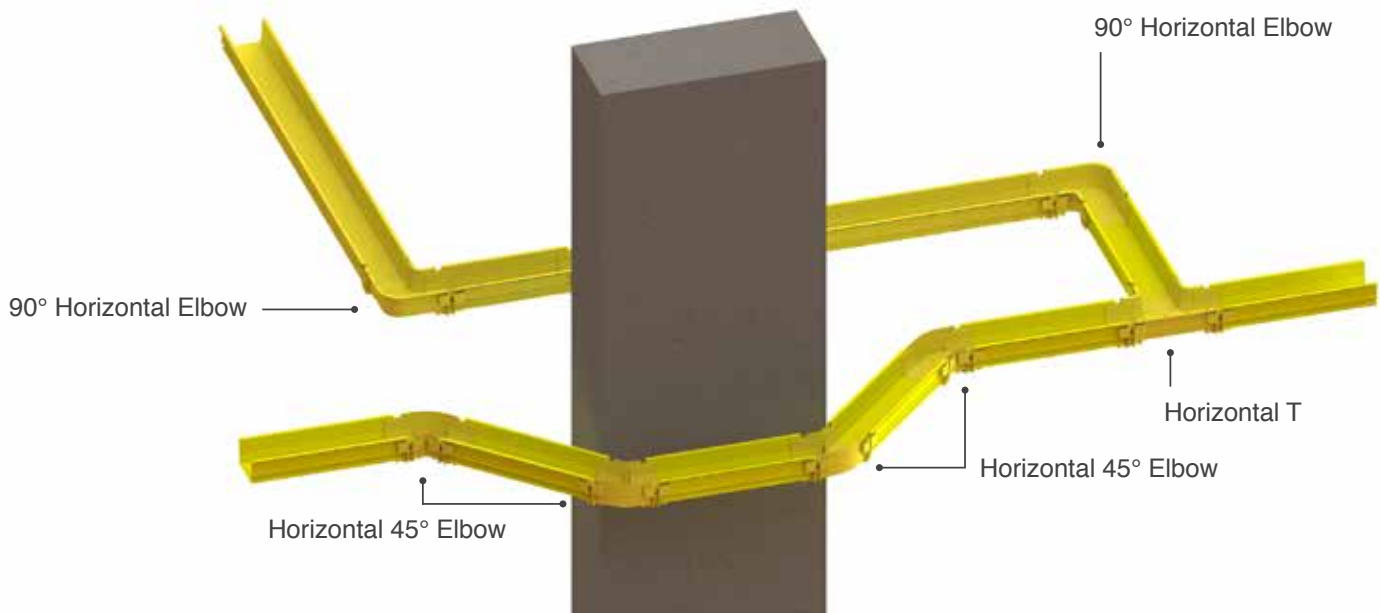
Fiber Cable Management System

Horizontal and Vertical Fiber Management Solutions

Trough Vertical Elevation Change



Trough Horizontal Direction Change



WaveTrax™

Fiber Cable Management System

Patch Cord Capacity

Telect's WaveTrax trough has recommended capacities as indicated in Trough Recommended Capacity, however, Telect's WaveTrax is designed to easily support fiber up to the fiber counts indicated in Trough Maximum Capacity.

Trough Recommended Capacity

Trough Pile-Up	2" Trough			4" Trough			6" Trough			12" Trough		
	1.6 mm	2 mm	3 mm	1.6 mm	2 mm	3 mm	1.6 mm	2 mm	3 mm	1.6 mm	2 mm	3 mm
2"	520	360	160	1040	720	320	1560	1080	480	3120	2160	960

Patch Cord Diameter	1.6 mm Patch Cords	2 mm Patch Cords	3 mm Patch Cords
Recommended Patch Cord Density per in ²	130	90	40

Trough Maximum Capacity

Trough Pile-Up	2" Trough			4" Trough			6" Trough			12" Trough		
	1.6 mm	2 mm	3 mm	1.6 mm	2 mm	3 mm	1.6 mm	2 mm	3 mm	1.6 mm	2 mm	3 mm
2"	640	412	240	1280	824	368	1920	1236	552	3840	2472	1104
3"		-	-	1920	1236	552	2880	1854	828	5760	3708	1656
4"		-	-	2560	1648	736	3840	2472	1104	7680	4944	2208

Patch Cord Diameter	1.6 mm Patch Cords	2 mm Patch Cords	3 mm Patch Cords
Maximum Patch Cord Density per in ²	160	103	46

WaveTrax™

Fiber Cable Management System

Technical Specifications

WaveTrax

Channels	Part Number Yellow UL 94V-0 fire-retardant plastic		
Transition components*	Yellow UL 94V-0 fire-retardant plastic		
Covers*	Yellow UL 94V-0 fire-retardant plastic		
Capacity/weight of components	2" channel	242 3 mm fibers	1.17 lbs/ft
	4" channel	915 3 mm fibers	4.43 lbs/ft
	6" channel	1382 3 mm fibers	6.69 lbs/ft
	12" channel	2635 3 mm fibers	12.76 lbs/ft
	Universal mounting bracket: 64 lbs. holding capacity per bracket		

*Select components constructed of 16 gauge cold-rolled steel.

CableLinks™

Links	Yellow UL 94V-0 fire-retardant plastic		
Transition components	16 gauge cold-rolled steel		
Capacity/weight of components	2" channel	242 3 mm fibers	0.6 lbs/ft
	4" channel	915 3 mm fibers	1.8 lbs/ft
	6" channel	1382 3 mm fibers	1.95 lbs/ft
	Universal mounting bracket: 64 lbs. holding capacity per bracket		

Accessories Quick Reference

QUICK REFERENCE :: ACCESSORIES

Category	Description	Part Number
Off-Ramps	2" Express Off-Ramp with Express Bracket	027-2000-4262
	2" Express Off-Ramp	027-2000-4264
	2" Express Off-Ramp for FiberGuide® or FiberRunner® 4" and 6" Trough	027-C0406-4262
	2" Express Off-Ramp Cover	027-2000-4263
	4" Express Off-Ramp with Express Bracket	027-2000-4062
	4" Express Off-Ramp	027-2000-4065
	4" Express Off-Ramp for FiberGuide® or FiberRunner® 4" and 6" Trough	027-C0406-4062
	4" Express Off-Ramp for FiberGuide® or FiberRunner® 12" Trough	027-C0012-4062
	4" Express Off-Ramp Cover	027-1000-4066
Express T	6" Express T to WaveTrax	027-2000-6412
	6" Express T to 4" or 6" FiberGuide® or FiberRunner®	027-C0406-6412
	6" Express T to 12" FiberGuide® or FiberRunner®	027-C0012-6412
	6" Express T Cover	027-2000-6413
	12" Express T to WaveTrax	027-2000-12412
	12" Express T to 12" FiberGuide® or FiberRunner®	027-C0012-12412
	12" Express T Cover	027-2000-12413
Split Tubing	2" Flexible Tube - 5 Feet	027-2902-0005
	2" Flexible Tube - 10 Feet	027-2902-0010
	2" Flexible Tube - 15 Feet	027-2902-0015
	2" Flexible Tube - 20 Feet	027-2902-0020
	2" Flexible Tube - 100 Feet	027-2902-0100
Split Tubing Adapters	2" Center Drop to Single Flexible Tube Adapter	027-1000-4290
	4" Off-Ramp or Center Drop to Single Flexible Tube Adapter	027-2000-2000
	4" Off-Ramp or Center Drop to Dual Flexible Tube Adapter	027-2000-4016
	4" Off-Ramp to Dual Flexible Tube Adapter Cover	027-2000-4018

WaveTrax™

Fiber Cable Management System

2" WaveTrax Quick Reference

QUICK REFERENCE :: 2 INCH TROUGH

Category	Description	Part Number
Trough	2" x 2" 6 FT Trough	027-2000-4206
	2" x 2" 6 FT Trough Cover	027-2000-4202
	Trough Notching Tool	027-2000-1100
Couplers	2" x 2" FastLock Coupler	027-2000-4299
	2" x 2" Adapter to 2" x 2" FiberGuide® Coupler	027-1000-2007
Transitions	2" x 2" 90 Degree Horizontal Elbow	027-2000-4224
	2" x 2" 90 Degree Horizontal Elbow Cover	027-2000-4225
	2" x 2" Horizontal T	027-2000-4210
	2" x 2" Horizontal T Cover	027-2000-4211
	2" x 2" Intersection	027-2000-4230
	2" x 2" Intersection Cover	027-2000-4231
	2" x 2" Center Drop	027-1000-4227
	4" x 4" to 2" x 2" Reducer	027-2000-4050
	4" x 4" to 2" x 2" Reducer Cover	027-2000-4051
	2" x 2" 90 Degree Down Elbow	027-2000-4277
	2" x 2" 90 Degree Down Elbow Cover	027-2000-4278
	2" x 2" 90 Degree Up Elbow	027-1000-4273
	2" x 2" 45 Degree Down Elbow	027-1000-4288
	2" x 2" 45 Degree Up Elbow	027-1000-4287
	2" x 2" 45 Degree Horizontal Elbow	027-1000-4289

WaveTrax™

Fiber Cable Management System

2" WaveTrax Quick Reference

QUICK REFERENCE :: 2 INCH TROUGH

Category	Description	Part Number
Brackets	2" x 2" Threaded Rod Bracket	027-1000-4251
	2" x 2" Universal All Thread or Cable Rack Bracket	027-2000-4205
	2" x 2" Trough Support Clamp	027-2000-4260
	2" x 2" Center Support Bracket	027-1000-4252
	2" x 2" C-Bracket	027-1000-4253
	2" x 2" Cable Rack Bracket	027-1000-4260
	Clamshell Bracket Kit	027-1000-4103
	18" Threaded Rod Kit	027-1000-4002
	40" Threaded Rod Kit	027-1000-4001
	2" x 2" Vertical Rack Mount Adjustable Bracket	027-1000-4216
Accessories	2" x 2" Trumpet	027-2000-4275
	2" x 2" End Cap	027-2000-4208
	2" x 2" Vertical Slotted Duct Kit 6 FT	027-2000-4203

WaveTrax™

Fiber Cable Management System

4" WaveTrax Quick Reference

QUICK REFERENCE :: 4 INCH TROUGH

Category	Description	Part Number
Trough	4" x 4" 6 FT Trough	027-2000-4001
	4" x 4" 6 FT Trough Cover	027-2000-4002
	Trough Notching Tool	027-2000-1100
Couplers	4" x 4" FastLock Coupler	027-2000-4099
	4" x 4" Adapter to 2" x 2" FiberGuide® Coupler	027-2000-4007
Transitions	4" x 4" 90 Degree Horizontal Elbow	027-2000-4024
	4" x 4" 90 Degree Horizontal Elbow Cover	027-2000-4025
	4" x 4" Horizontal T	027-2000-4010
	4" x 4" Horizontal T Cover	027-2000-4011
	4" x 4" Intersection	027-2000-4030
	4" x 4" Intersection Cover	027-2000-4031
	4" x 4" Center Drop	027-2000-4426
	4" x 4" Center Drop Cover	027-2000-4427
	4" x 4" to 2" x 2" Reducer	027-2000-4050
	4" x 4" to 2" x 2" Reducer Cover	027-2000-4051
	4" x 4" 90 Degree Down Elbow	027-2000-4077
	4" x 4" 90 Degree Down Elbow Cover	027-2000-4078
	4" x 4" 90 Degree Up Elbow	027-1000-4473
	4" x 4" 90 Degree Up Elbow Cover	027-1000-4474
	4" x 4" 45 Degree Down Elbow	027-1000-4488
	4" x 4" 45 Degree Up Elbow	027-1000-4487
	4" x 4" 45 Degree Horizontal Elbow	027-1000-4489

WaveTrax™

Fiber Cable Management System

4" WaveTrax Quick Reference

QUICK REFERENCE :: 4 INCH TROUGH

Category	Description	Part Number
Brackets	4" x 4" Threaded Rod Bracket	027-1000-4051
	4" x 4" Trough Support Clamp	027-2000-4060
	4" x 4" Universal All Thread, Cable Rack or Wall-Mount Bracket	027-1000-4004
	4" x 4" Center Support Bracket	027-1000-4052
	4" x 4" C-Bracket	027-1000-4053
	4" x 4" Cable Rack Bracket	027-1000-4062
	Clamshell Bracket Kit	027-1000-4103
	18" Threaded Rod Kit	027-1000-4002
	40" Threaded Rod Kit	027-1000-4001
Accessories	4" x 4" Vertical Slotted Trough Kit 6 FT	027-2000-4403
	4" x 4" Trumpet	027-2000-4075
	4" x 4" End Cap	027-2000-4008
	4" x 4" End Cap Connector	027-2000-4009

WaveTrax™

Fiber Cable Management System

6" WaveTrax Quick Reference

QUICK REFERENCE :: 6 INCH TROUGH

Category	Description	Part Number
Trough	6" x 4" 6 FT Trough	027-2000-6401
	6" x 4" 6 FT Trough Cover	027-2000-6402
	Trough Notching Tool	027-2000-1100
Couplers	6" x 4" FastLock Coupler	027-2000-6499
	6" x 4" FastLock Coupler to FiberGuide®	027-2000-6407
Transitions	6" x 4" 90 Degree Horizontal Elbow	027-2000-6424
	6" x 4" 90 Degree Horizontal Elbow Cover	027-2000-6425
	6" x 4" Horizontal T	027-2000-6410
	6" x 4" Horizontal T Cover	027-2000-6411
	6" x 4" Intersection	027-2000-6430
	6" x 4" Intersection Cover	027-2000-6431
	6" x 4" Center Drop	027-2000-6426
	6" x 4" Center Drop Cover	027-2000-6427
	6" x 4" Reducer to 4" x 4"	027-2000-6450
	6" x 4" Reducer to 4" x 4" Cover	027-2000-6451
	6" x 4" 90 Degree Down Elbow	027-2000-6477
	6" x 4" 90 Degree Down Elbow Cover	027-2000-6478
	6" x 4" 90 Degree Up Elbow	027-1000-6473
	6" x 4" 90 Degree Up Elbow Cover	027-1000-6474
	6" x 4" 45 Degree Down Elbow	027-1000-6488
	6" x 4" 90 Degree Up Elbow	027-1000-6487
	6" x 4" Horizontal 45 Degree Elbow	027-1000-6489

WaveTrax™

Fiber Cable Management System

6" WaveTrax Quick Reference

QUICK REFERENCE :: 6 INCH TROUGH

Category	Description	Part Number
Brackets	6" x 4" Threaded Rod Bracket	027-1000-4051
	6" x 4" Trough Support Clamp	027-2000-4060
	6" x 4" Universal All Thread, Cable Rack, Wall-Mount Bracket	027-1000-4004
	6" x 4" Center Support Bracket	027-1000-4052
	6" x 4" C-Bracket	027-1000-4053
	4" x 4" Cable Rack Bracket	027-1000-4062
	Clamshell Bracket Kit	027-1000-4103
	18" Threaded Rod Kit	027-1000-4002
	40" Threaded Rod Kit	027-1000-4001
Accessories	6" x 4" Trumpet	027-2000-6475
	6" x 4" End Cap	027-2000-6408
	6" x 4" End Cap Connector	027-2000-6409

12" WaveTrax Quick Reference

QUICK REFERENCE :: 12 INCH TROUGH

Category	Description	Part Number
Trough	12" x 4" 6 FT Trough	027-2000-12406
	12" x 4" 6 FT Trough Cover	027-2000-12402
	Trough Notching Tool	027-2000-1100
Couplers	12" x 4" FastLock Coupler	027-1000-12499
	12" x 4" FastLock Coupler to FiberGuide®	027-1000-12407
Transitions	12" x 4" 90 Degree Horizontal Elbow	027-2000-12424
	12" x 4" 90 Degree Horizontal Elbow Cover	027-2000-12425
	12" x 4" Horizontal T	027-2000-12410
	12" x 4" Horizontal T Cover	027-2000-12411
	12" x 4" Intersection	027-2000-12430
	12" x 4" Intersection Cover	027-2000-12431
	12" x 4" to 4" Center Drop	027-1000-12427
	12" x 4" to 6" Center Drop	027-1000-12426
	12" x 4" Reducer to 6" x 4"	027-2000-12450
	12" x 4" Reducer to 6" x 4" Cover	027-2000-12451
	12" x 4" 90 Down Elbow	027-2000-12477
	12" x 4" 90 Down Elbow Cover	027-2000-12402
	12" x 4" 90 Degree Up Elbow	027-1000-12473
	12" x 4" 45 Degree Down Elbow	027-1000-12488
	12" x 4" 45 Degree Up Elbow	027-1000-12487
	12" x 4" Horizontal 45 Degree Elbow	027-1000-12489

12" WaveTrax Quick Reference

QUICK REFERENCE :: 12 INCH TROUGH

Category	Description	Part Number
Brackets	12" x 4" Threaded Rod Bracket	027-1000-12405
	12" x 4" Trough Support Clamp	027-2000-4060
	12" x 4" Center Support Bracket	027-1000-1250
	12" x 4" C-Bracket	027-1000-1253
	Clamshell Bracket Kit	027-1000-4103
	18" Threaded Rod Kit	027-1000-4002
	40" Threaded Rod Kit	027-1000-4001
Accessories	12" x 4" Trumpet	027-2000-12475
	12" x 4" End Cap	027-2000-12408
	12" x 4" End Cap Connector	027-2000-12409

CableLinks™ Quick Reference

QUICK REFERENCE :: CABLELINKS

Category	Description	Part Number
2" CableLinks	2" CableLinks Link	027-0000-4200
	4" WaveTrax Drop Adapter to Single 2" CableLinks	027-2000-4215
	4" WaveTrax to Dual 2" CableLinks	027-2000-4015
	2" CableLinks to 2" WaveTrax Trough Adapter	027-1000-4207
	2" CableLinks Rack Mount Bracket	027-1000-4211
4" CableLinks	4" CableLinks Link	027-0000-4000
	4" WaveTrax Drop Adapter to Single 4" CableLinks	027-2000-4015
	4" CableLinks to 4" WaveTrax Trough Adapter	027-2000-4090
	4" CableLinks Rack Mount Bracket	027-1000-4117
6" CableLinks	6" CableLinks Link	027-0000-6400
	6" WaveTrax Drop Adapter to Single 6" CableLinks	027-2000-6415
	6" CableLinks to 6" WaveTrax Trough Adapter	027-1000-6490