

Optical Cable Duct



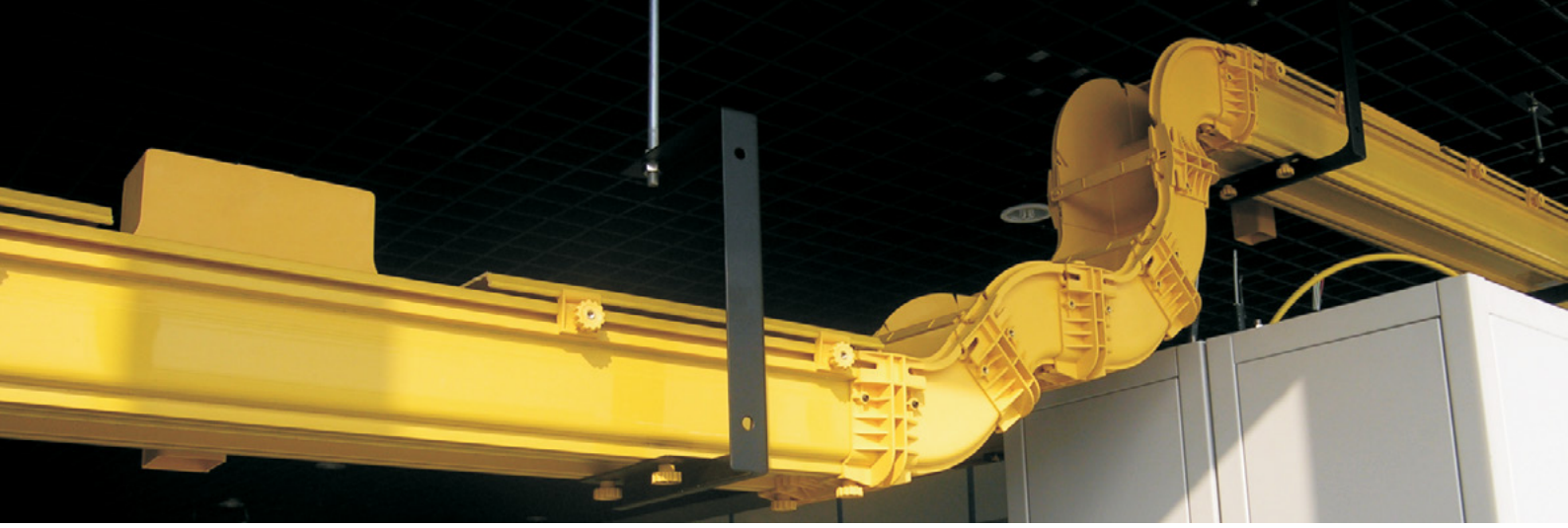
Catalogo Out Line Canaline

Versione Documento 2.0

Tel. +39 0690405273

info@outline.company - www.outline.company

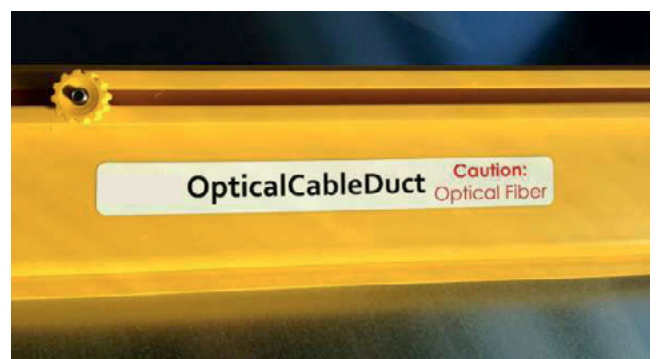
Via degli Olmetti, 39D - 00060 Formello (RM)



OPTICAL CABLE DUCT INTRODUCTION

Brief Introduction:

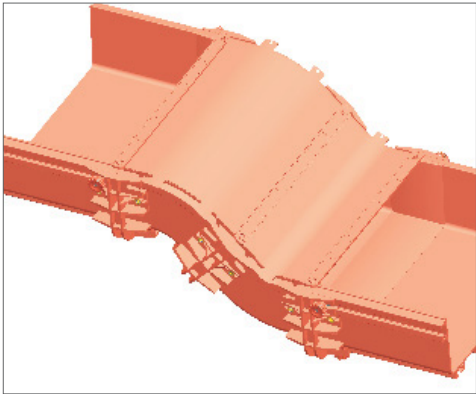
- Optical cable duct is a system designed to protect and route fiber optic patch cords, cable assemblies to and from guide closures, ODF and other terminal devices.
- Optical cable duct offers ideal solutions for optical raceway requirements and application with pleasing appearance and easy maintenance.
- Flame-retardant materials with flame rate of V0.
- Tool-less products boast easy and quick installation including snap-on cover, hinged cover option as well as quick exits.
- Sizes from 2" x 2" to 4" x 12"
- Capacity



Specifications Cable diameter	2"×2"system		4"×4"system		4"×6"system		4"×10"system		4"×12"system	
Accumulated height	2.0mm	3.0mm	2.0mm	3.0mm	2.0mm	3.0mm	2.0mm	3.0mm	2.0mm	3.0mm
5cm	408	176	816	352	1224	528	2040	880	2448	1056
7.5cm	-	-	1224	528	1836	792	3060	1320	3672	1584
11cm	-	-	1632	704	2448	1056	4080	1760	4896	2112

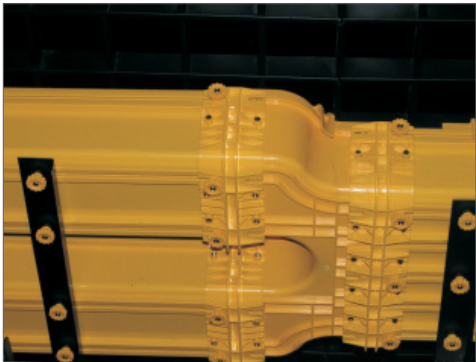






P6~18 - Size

2" (2"×2" 50mm × 50mm).....	6
4 " (4"×4" 100mm × 100mm).....	8
6 " (4"×6" 100mm × 150mm).....	11
10" (4"×10" 100mm × 250mm).....	14
12" (4"×12" 100mm × 300mm).....	16



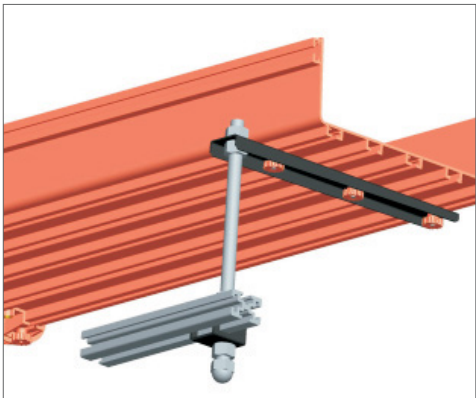
P22~23

Hybrid Coupler / Adapter.....	22
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P24~30 - Exit Drop Options

2" Quick Exit with Flex Tube / Trumpet Flare Drop 1.....	24
2" Quick Exit with Flex Tube / Trumpet Flare Drop 2.....	25
2" Fixed Exit with Flex Tube / Trumpet Flare Drop.....	26
4" Quick Exit with Flex Tube / Trumpet Flare Drop 1.....	27
4" Quick Exit with Flex Tube / Trumpet Flare Drop 2.....	28
4" Fixed Exit with Flex Tube / Trumpet Flare Drop.....	29
Downspout with Trumpet Flare / Trumpet Flare Drop.....	30



P34~36 - Installation / Supporting Systems

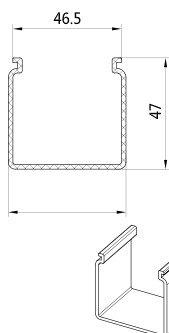
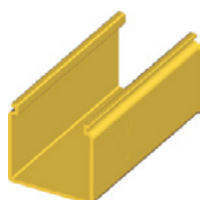
Anchor Support.....	34
Trapeze Support	35
Top of Rack / Cabinet Support	35
Auxiliary Framing support	36
Wall Support	36

OPTICAL CABLE DUCT

2" (2"×2" 50MM × 50MM)

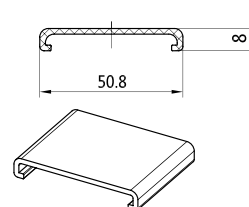
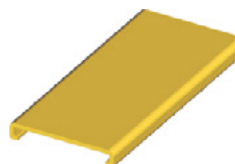


Straight Unit
P/N: A101



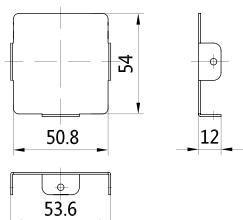
Remarks: 2 meter/piece •

Straight Unit Cover
P/N: A102



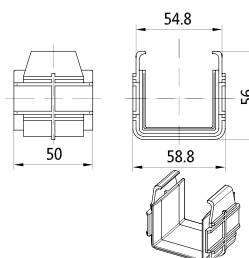
Remarks: 2 meter/piece •

End Cap
P/N: A114

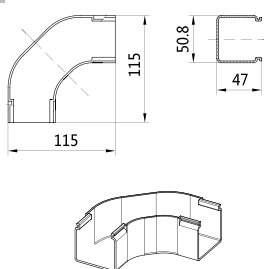


Remarks: Metal,
used for straight unit.

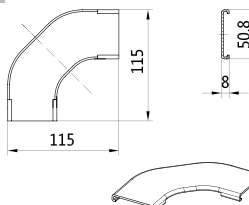
Coupler
P/N: A108



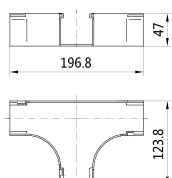
90° Horizontal Curve
P/N: A104



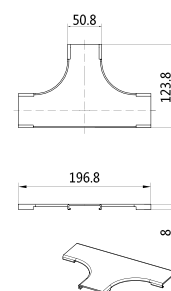
90° Horizontal Curve Cover
P/N: A105



Horizontal T
P/N: A106



Horizontal T Cover
P/N: A107

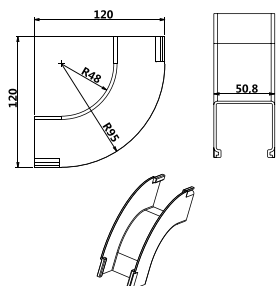


OPTICAL CABLE DUCT

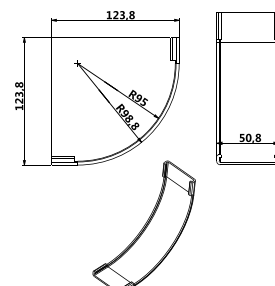
2" (2"×2" 50MM × 50MM)



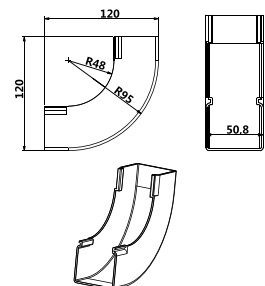
90° Up Curve
P/N: A115



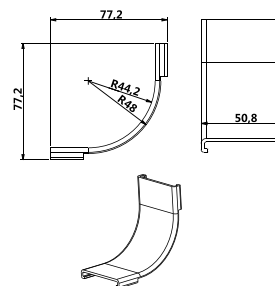
90° Up Curve Cover
P/N: A116



90° Down Curve
P/N: A117



90° Down Curve Cover
P/N: A118



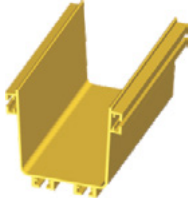
* Other length is available upon request.

OPTICAL CABLE DUCT

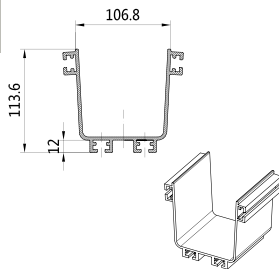
4" (4"×4" 100MM × 100MM)



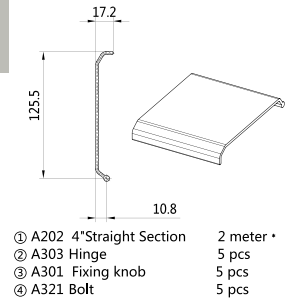
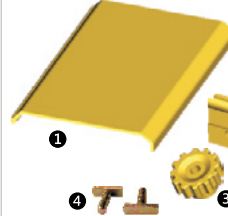
Straight Unit
P/N: A203



Remarks: 2 meter/piece *



Straight Unit Cover Kit
P/N: T202

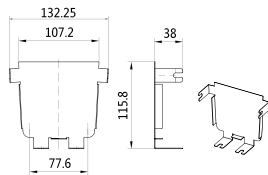


- ① A202 4" Straight Section 2 meter *
- ② A303 Hinge 5 pcs
- ③ A301 Fixing knob 5 pcs
- ④ A321 Bolt 5 pcs

End Cap
P/N: A214



Remarks: Metal,
used for straight unit.

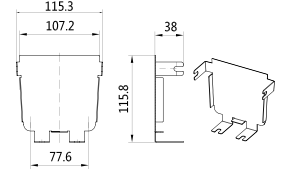


Bolt and Fixing Knob not included

Special Part End Cap
P/N: A216

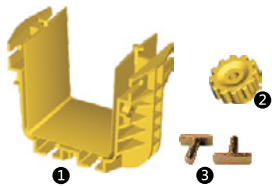


Remarks: Metal,
used for special part.

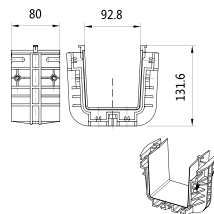


Bolt and Fixing Knob not included

Coupler Kit A
P/N: T2041

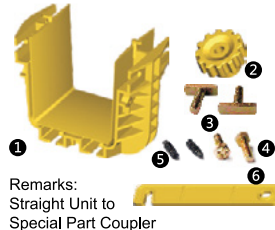


Remarks: Straight Unit Coupler

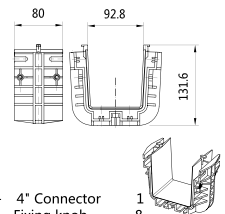


- ① A204 4" Connector 1
- ② A301 Fixing Knob 8
- ③ A321 Bolt 8

Coupler Kit B
P/N: T2042



Remarks:
Straight Unit to
Special Part Coupler

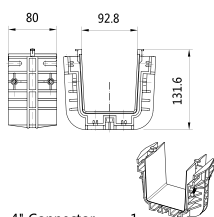


- ① A204 4" Connector 1
- ② A301 Fixing knob 8
- ③ A321 Bolt 4
- ④ GB5780-86 M6*25 Hexagonal Bolt 4
- ⑤ GB79-85M6*14 Inner Hexagon Screw 3
- ⑥ A201 4" Pull Rod 1

Coupler Kit S
P/N: T2042 S

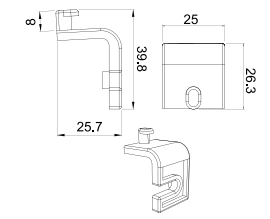
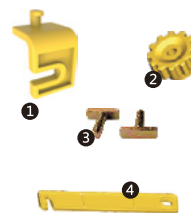


Remarks:
Special Part to
Special Part Coupler



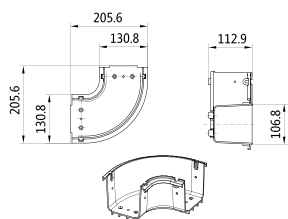
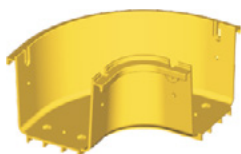
- ① A204 4" Connector 1
- ② A301 Fixing knob 8
- ③ GB5780-86 M6*25 Hexagonal Bolt 8
- ④ GB79-85M6*14 Inner Hexagon Screw 6
- ⑤ A201 4" Pull Rod 1

Vertical Cover Kit 4"
P/N: T203

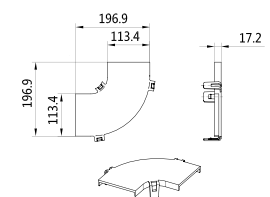


- ① P303 Hinge for pull rod 2
- ② A301 Fixing Knob 2
- ③ A321 Bolt 2
- ④ A201 4" Pull Rod 1

90° Horizontal Curve
P/N: A211



90° Horizontal Curve Cover
P/N: A212



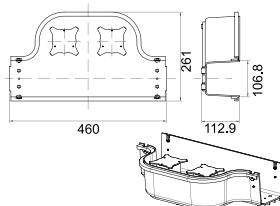
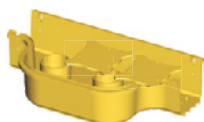
* Other length is available upon request.

OPTICAL CABLE DUCT

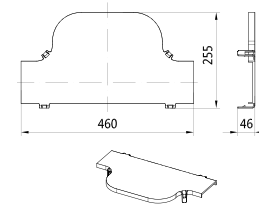
4" (4"×4" 100MM × 100MM)



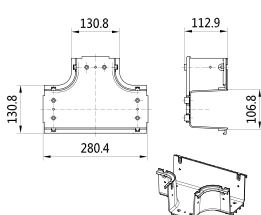
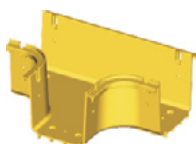
Storage Duct
P/N: T231



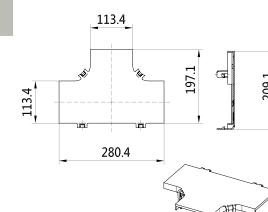
Storage Duct Cover
P/N: A232



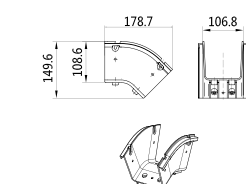
Horizontal T
P/N: A205



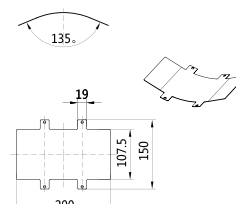
Horizontal T Cover
P/N: A206



45° Down Curve
P/N: A208



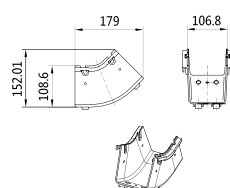
45° Down Curve Cover Kit
P/N: T220



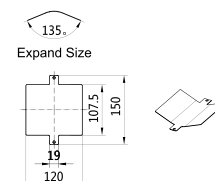
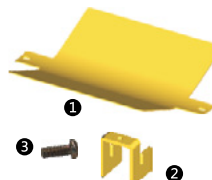
Remarks: Metal material.

- | | |
|--|---|
| ① A220 4" 45° Down Curve Cover | 1 |
| ② A215 Fixing unit | 4 |
| ③ GB818-85 M4*10 Cross Recessed Pan Head Screw | 4 |

45° Up Curve
P/N: A207



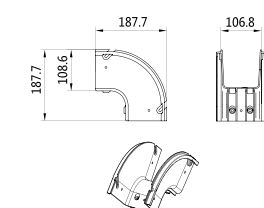
45° Up Curve Cover Kit
P/N: T219



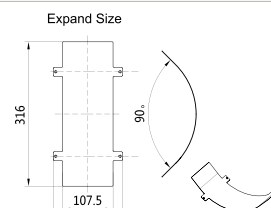
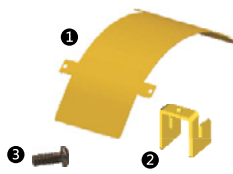
Remarks: Metal material.

- | | |
|--|---|
| ① A219 4" 45° Up Curve Cover | 1 |
| ② A215 Fixing unit | 2 |
| ③ GB818-85 M4*10 Cross Recessed Pan Head Screw | 2 |

90° Down Curve
P/N: A209



90° Down Curve Cover Kit
P/N: T221



Remarks: Metal material.

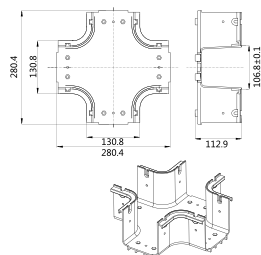
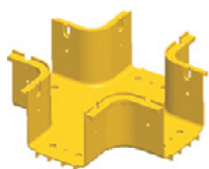
- | | |
|--|---|
| ① A221 4" 90° Down Curve Cover | 1 |
| ② A215 Fixing unit | 4 |
| ③ GB818-85 M4*10 Cross Recessed Pan Head Screw | 4 |

OPTICAL CABLE DUCT

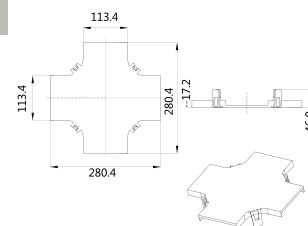
4" (4"×4" 100MM × 100MM)



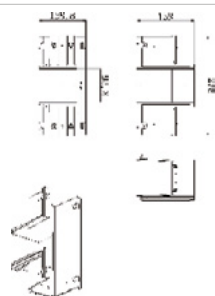
Horizontal Cross
P/N: A235



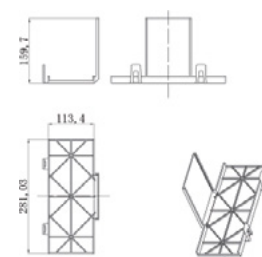
Horizontal Cross Cover
P/N: A236



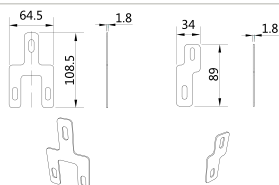
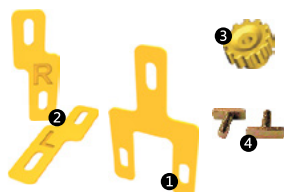
Vertical T
P/N: A241



Vertical T Cover
P/N: A242



Kit coupler spill over
P/N: T2043



- | | | |
|--------|--------------------------------|---|
| ① A299 | 4" Vertical Y Back Coupler | 1 |
| ② A298 | 4" Vertical Left/Right Coupler | 2 |
| ③ A301 | Fixing Knob | 7 |
| ④ A321 | Bolt | 7 |

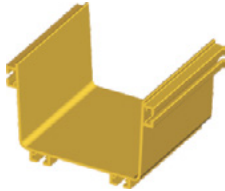
Remarks:
Special Part to Special Part Coupler

OPTICAL CABLE DUCT

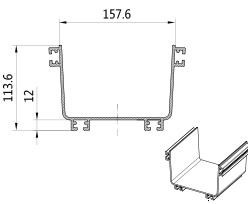
6" (4"×6" 100MM × 150MM)



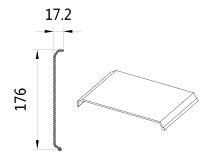
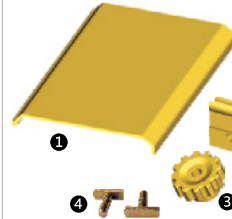
Straight Unit
P/N: A319



Remarks: 2 meter/piece *

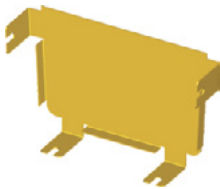


Straight Unit Cover Kit
P/N: T302

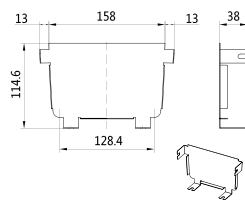


- ① A302 6" Straight Section Cover 2 meter *
- ② A303 Hinge 5 pcs
- ③ A301 Fixing knob 5 pcs
- ④ A321 Bolt 5 pcs

End Cap
P/N: A322



Remarks: Metal,
used for straight unit.

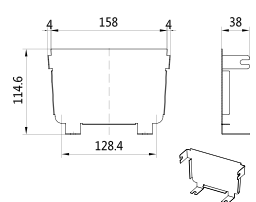


Bolt and Fixing Knob not included

Special Part End Cap
P/N: A325

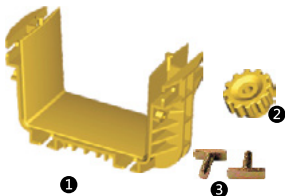


Remarks: Metal,
used for special part.

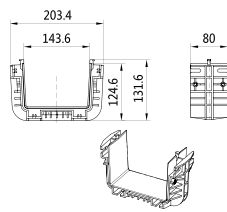


Bolt and Fixing Knob not included

Coupler Kit A
P/N: T3161

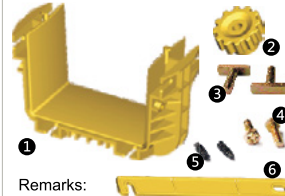


Remarks: Straight Unit Coupler

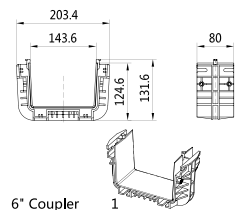


- ① A316 6" Coupler 1
- ② A301 Fixing Knob 8
- ③ A321 Bolt 8

Coupler Kit B
P/N: T3162



Remarks:
Straight Unit to
Special Part Coupler

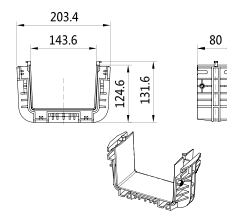


- ① A316 6" Coupler 1
- ② A301 Fixing Knob 8
- ③ A321 Bolt 4
- ④ GB5780-86 M6*25 Hexagonal Bolt 4
- ⑤ GB79-85M6*14 Inner Hexagon Screw 4
- ⑥ A304 6" Pull Rod 1

Coupler Kit S
P/N: T3162 S

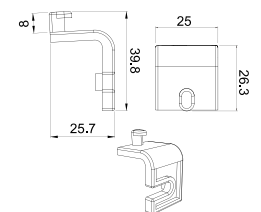
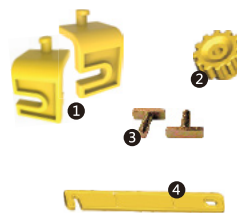


Remarks:
Special Part to
Special Part Coupler



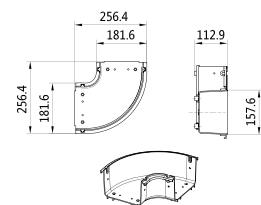
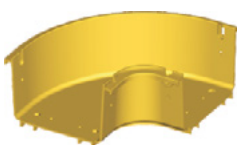
- ① A316 6" Connector 1
- ② A301 Fixing Knob 8
- ③ GB5780-86 M6*25 Hexagonal Bolt 8
- ④ GB79-85M6*14 Inner Hexagon Screw 8
- ⑤ A304 6" Pull Rod 1

Vertical Cover Kit
P/N: T303

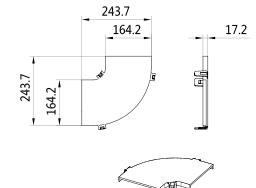


- ① P303 Hinge for pull rod 2
- ② A301 Fixing Knob 2
- ③ A321 Bolt 2
- ④ A304 6" Pull Rod 1

90° Horizontal Curve
P/N: A315



90° Horizontal Curve Cover
P/N: A318



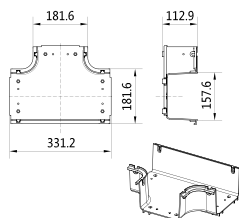
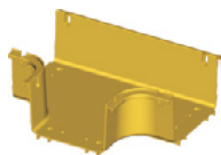
* Other length is available upon request.

OPTICAL CABLE DUCT

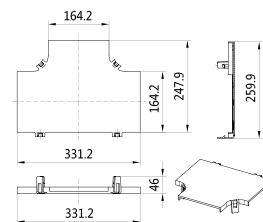
6" (4"×6" 100MM × 150MM)



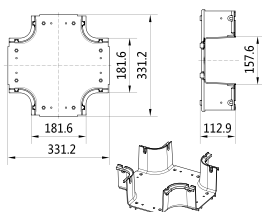
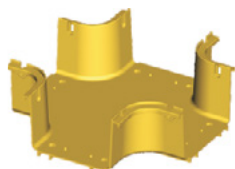
Horizontal T
P/N: A317



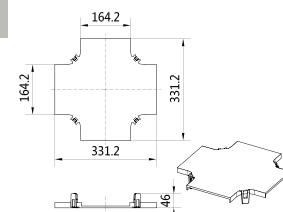
Horizontal T Cover
P/N: A314



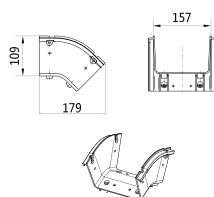
Horizontal Cross
P/N: A327



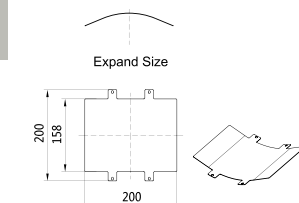
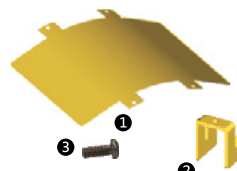
Horizontal Cross Cover
P/N: A328



45° Down Curve
P/N: A306



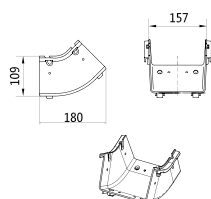
45° Down Curve Cover Kit
P/N: T335



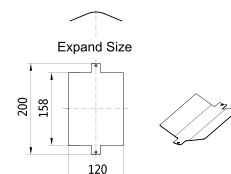
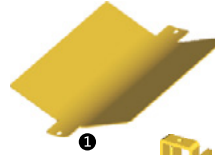
Remarks: Metal material.

① A335 6" 45° Down Curve Cover	1
② A215 Fixing unit	4
③ GB818-85 M4*10 Cross Recessed Pan Head Screw	4

45° Up Curve
P/N: A307



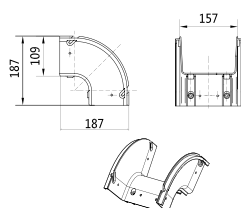
45° Up Curve Cover Kit
P/N: T334



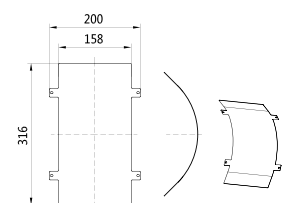
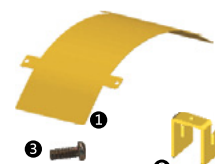
Remarks: Metal material.

① A334 6" 45° Up Curve Cover	1
② A215 Fixing unit	2
③ GB818-85 M4*10 Cross Recessed Pan Head Screw	2

90° Down Curve
P/N: A305



90° Down Curve Cover Kit
P/N: T336



Remarks: Metal material

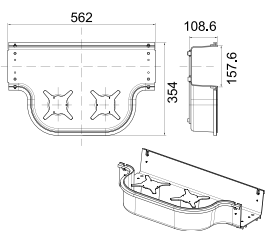
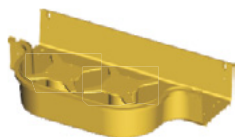
① A336 6" 90° Down Curve Cover	1
② A215 Fixing unit	4
③ GB818-85 M4*10 Cross Recessed Pan Head Screw	4

OPTICAL CABLE DUCT

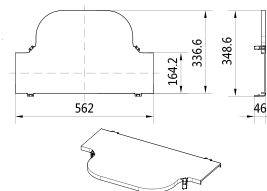
6" (4"x6" 100MM x 150MM)



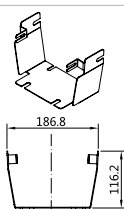
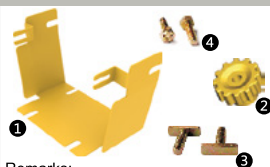
Storage Duct
P/N: T347



Storage Duct Cover
P/N: A349



Fitting for Transitions Kit
P/N: AD-OLPAN6X4



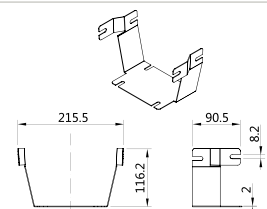
Template for holes



Remarks:
Fitting for transitions from
PANDUIT's 6x4 FiberRunner™ System
to 6x4 Fiber Duct Out Line System

- | | |
|--|---|
| ① OLAPAN12x4 6" Metal coupler from PAN to OL | 1 |
| ② A301 Fixing knob | 8 |
| ③ A321 Bolt | 6 |
| ④ GB5780-86 M6*25 Hexagonal Bolt | 2 |

Fitting for Transitions Kit
P/N: AD-OLADC6x4



Remarks:
Fitting for transitions from
ADC's 6x4 FiberRunner™ System
to 6x4 Fiber Duct Out Line System

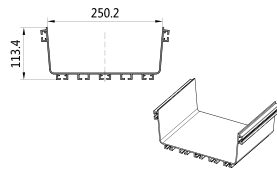
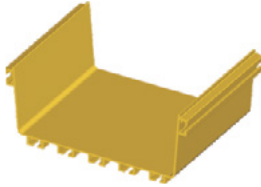
- | | |
|--|---|
| ① OLADC6x4 6" Metal coupler from ADC to OL | 1 |
| ② A301 Fixing knob | 8 |
| ③ A321 Bolt | 8 |
| ④ GB-16-8 OUT16xIN8,5 washer | 4 |

OPTICAL CABLE DUCT

10" (4"×10" 100MM × 250MM)

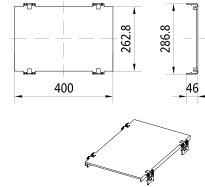


Straight Unit
P/N: A501



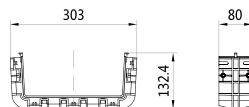
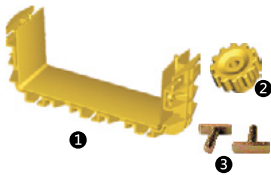
Remarks: 2 meter/piece •

Straight Unit Cover
P/N: A510



Remarks: 40 cm/pc, Snap-on Cover.

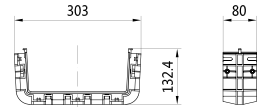
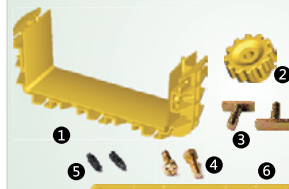
Coupler Kit A
P/N: T5021



- ① A502 10" Connector 1
- ② A301 Fixing knob 10
- ③ A321 Bolt 10

Remarks: Straight Unit Coupler

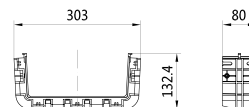
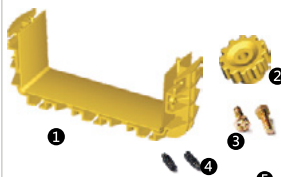
Coupler Kit B
P/N: T5022



- ① A502 10" Coupler 1
- ② A301 Fixing knob 10
- ③ A321 Bolt 5
- ④ GB5780-86 M6*25 Hexagonal Bolt 5
- ⑤ GB79-85M6*14 Inner Hexagon Screw 6
- ⑥ A514 10" Pull Rod 1

Remarks:
Straight Unit to Special Part Coupler

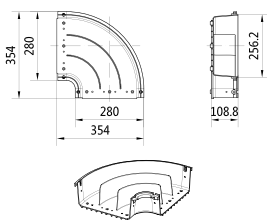
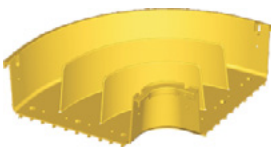
Coupler Kit S
P/N: T5022 S



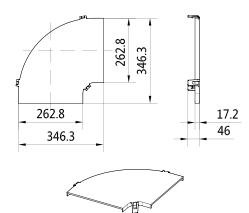
- ① A502 10" Coupler 1
- ② A301 Fixing knob 10
- ③ GB5780-86 M6*25 Hexagonal Bolt 10
- ④ GB79-85M6*14 Inner Hexagon Screw 12
- ⑤ A514 10" Pull Rod 1

Remarks:
Special Part to Special Part Coupler

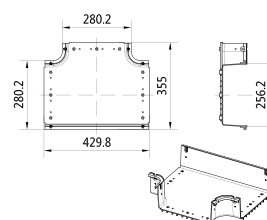
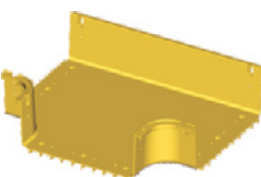
90° Horizontal Curve
P/N: A513



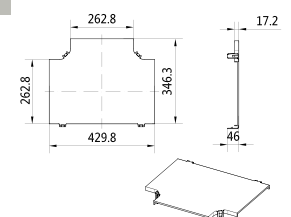
90° Horizontal Curve Cover
P/N: A512



Horizontal T
P/N: A504



Horizontal T Cover
P/N: A507



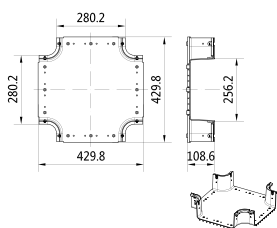
* Other length is available upon request.

OPTICAL CABLE DUCT

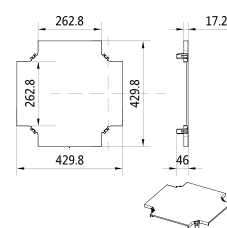
10" (4"×10" 100MM × 250MM)



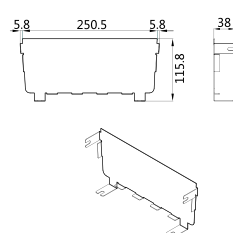
Horizontal Cross
P/N: A503



Horizontal Cross Cover
P/N: A506



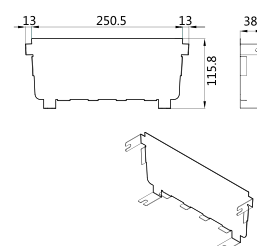
End Cap
P/N: A522



Remarks: Metal,
used for straight unit.

Bolt and Fixing Knob not included

Special Part End Cap
P/N: A529



Remarks: Metal,
used for special part.

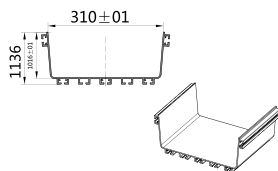
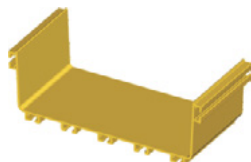
Bolt and Fixing Knob not included

OPTICAL CABLE DUCT

12" (4"×12" 100MM × 300MM)

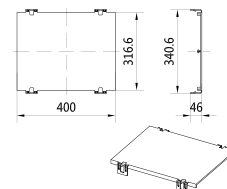


Straight Unit
P/N: A403



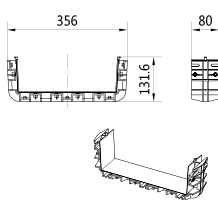
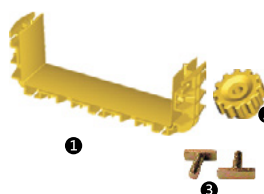
Remarks: 2 meter/piece *

Straight Unit Cover
P/N: A422



Remarks: 40 cm/pc, Snap-on Cover

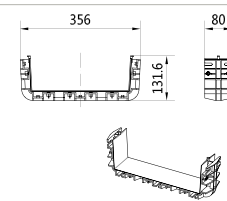
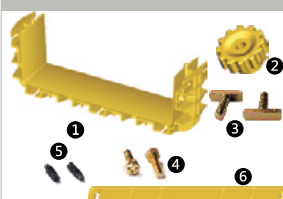
Coupler Kit A
P/N: T4281



- | | |
|--------------------|----|
| ① A428 12" Coupler | 1 |
| ② A301 Fixing knob | 10 |
| ③ A321 Bolt | 10 |

Remarks: Straight Unit Coupler

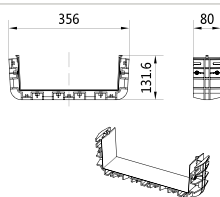
Coupler Kit B
P/N: T4282



- | | |
|------------------------------------|----|
| ① A428 12" Coupler | 1 |
| ② A301 Fixing knob | 10 |
| ③ A321 Bolt | 5 |
| ④ GB5780-86 M6*25 Hexagonal Bolt | 5 |
| ⑤ GB79-85M6*14 Inner Hexagon Screw | 6 |
| ⑥ A401 12" Pull Rod | 1 |

Remarks:
Straight Unit to Special Part Coupler

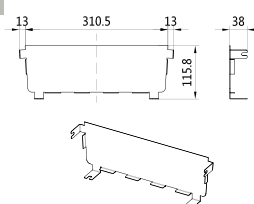
Coupler Kit S
P/N: T4282 S



- | | |
|------------------------------------|----|
| ① A428 12" Connector | 1 |
| ② A301 Fixing knob | 10 |
| ③ GB5780-86 M6*25 Hexagonal Bolt | 10 |
| ④ GB79-85M6*14 Inner Hexagon Screw | 12 |
| ⑤ A401 12" Pull Rod | 1 |

Remarks:
Special Part to Special Part Coupler

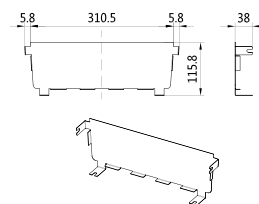
End Cap
P/N: A431



Remarks: Metal,
used for straight unit.

Bolt and Fixing Knob not included

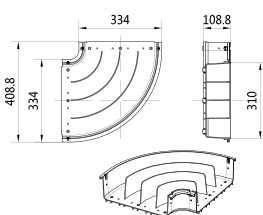
Special Part End Cap
P/N: A434



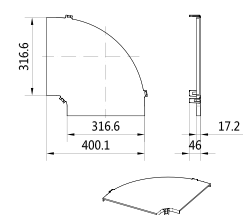
Remarks: Metal,
used for special part.

Bolt and Fixing Knob not included

90° Horizontal Curve
P/N: A429



90° Horizontal Curve Cover
P/N: A425



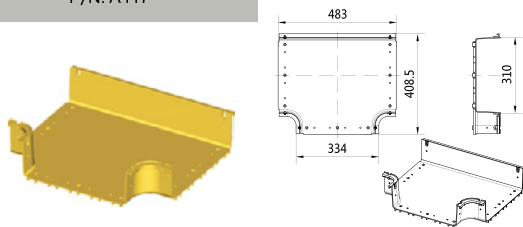
* Other length is available upon request.

OPTICAL CABLE DUCT

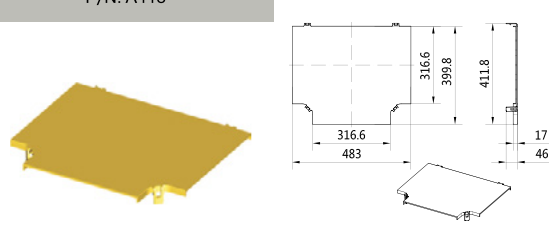
12" (4"×12" 100MM × 300MM)



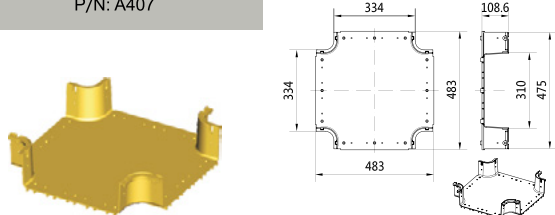
Horizontal T
P/N: A417



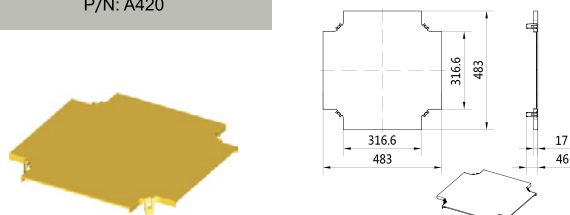
Horizontal T Cover
P/N: A418



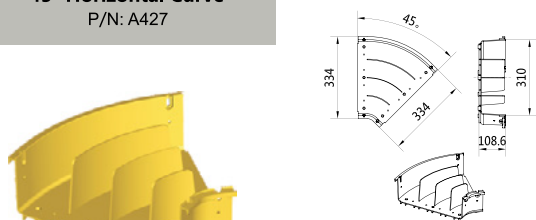
Horizontal Cross
P/N: A407



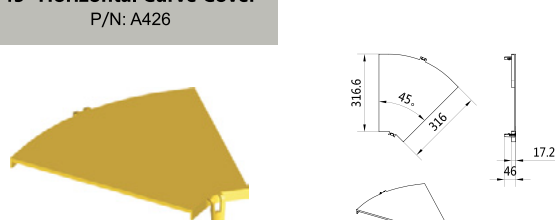
Horizontal Cross Cover
P/N: A420



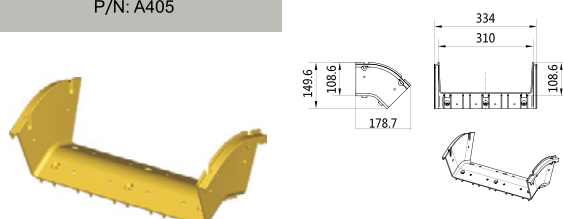
45° Horizontal Curve
P/N: A427



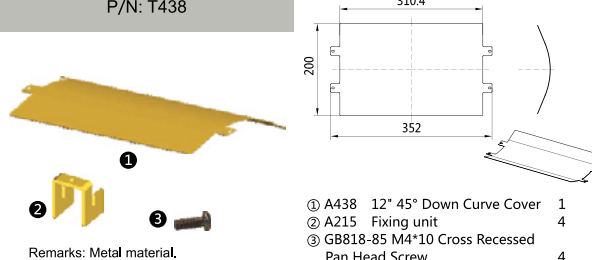
45° Horizontal Curve Cover
P/N: A426



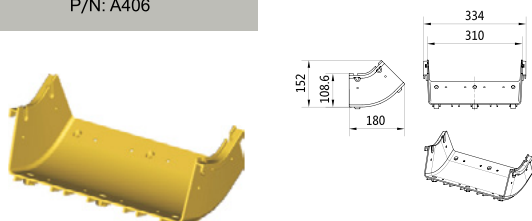
45° Down Curve
P/N: A405



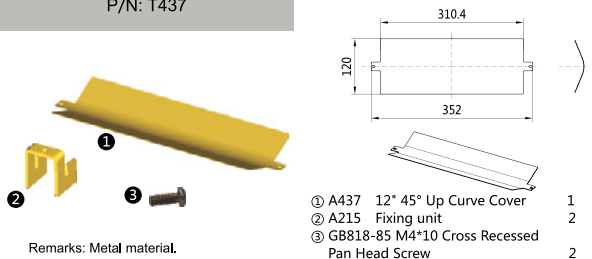
45° Down Curve Cover Kit
P/N: T438



45° Up Curve
P/N: A406



45° Up Curve Cover Kit
P/N: T437

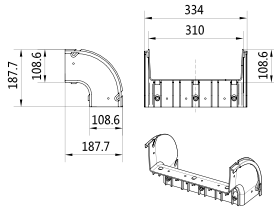


OPTICAL CABLE DUCT

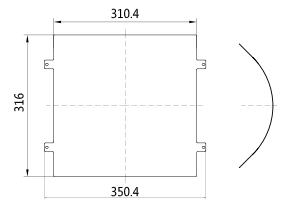
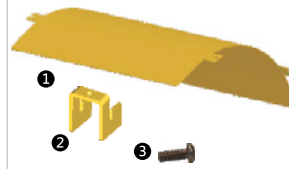
12" (4"×12" 100MM × 300MM)



90° Down Curve P/N : A404



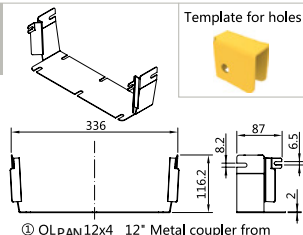
90° Down Curve Cover Kit P/N: T439



- ① A439 12" 90° Down Curve Cover 1
- ② A215 Fixing unit 4
- ③ GB818-85 M4*10 Cross Recessed Pan Head Screw 4

Remarks: Metal material.

Fitting for Transitions Kit P/N: AD-OLPAN12x4



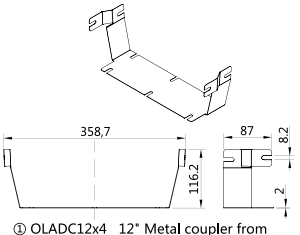
Template for holes



Remarks:
Fitting for transitions from
PAN's 12x4 FiberRunner™ System
to 12x4 Fiber Duct Out Line System

- ① OLPAN12x4 12" Metal coupler from PAN to OL 1
- ② A301 Fixing knob 10
- ③ A321 Bolt 8
- ④ GB5780-86 M6*25 Hexagonal Bolt 2

Fitting for Transitions Kit P/N: AD-OLADC12x4



Remarks:
Fitting for transitions from
ADC's 12x4 FiberRunner™ System
to 12x4 Fiber Duct Out Line System

- ① OLADC12x4 12" Metal coupler from ADC to OL 1
- ② A301 Fixing knob 10
- ③ A321 Bolt 10
- ④ GB-16-8 OUT16xIN8,5 washer 5

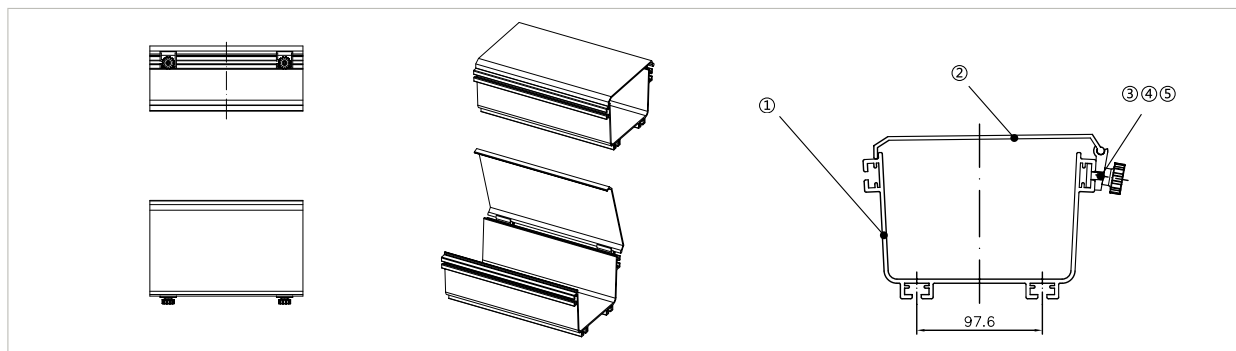


Out Line
SOLUZIONI INNOVATIVE

Remarks:

[illegible]

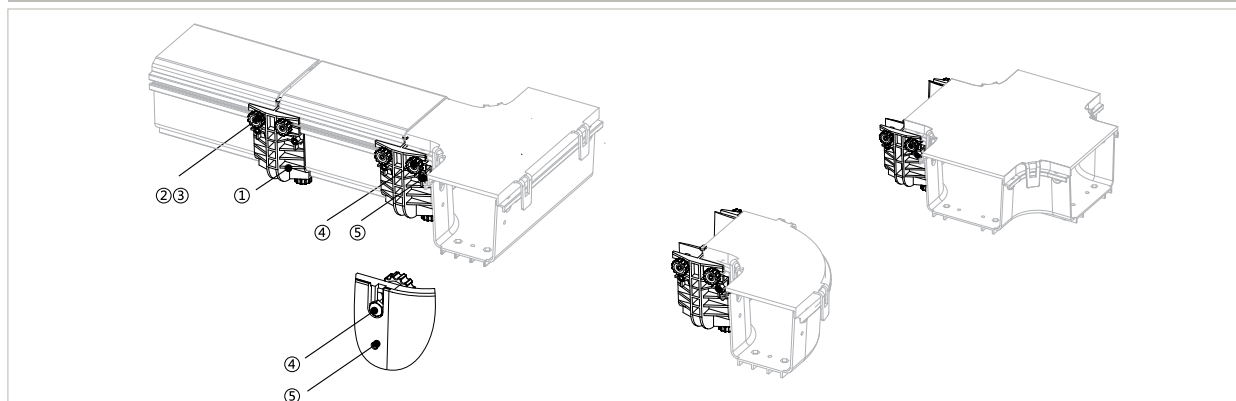
Straight Unit Cover Installation -- 4" & 6"



Straight Unit Cover Kit

	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
4" P/N: T202	①	A203	4" Straight Unit		6" P/N: T302	①	A319	6" Straight Unit	
	②	A202	4" Straight Unit Cover Kit	2 meter		②	A302	6" Straight Unit Cover Kit	2 meter
	③	A303		5 pcs		③	A303		5 pcs
	④	A321		5 pcs		④	A321		5 pcs
	⑤	A301		5 pcs		⑤	A301		5 pcs

Coupler Installation



Coupler Kit A For Straight Sections

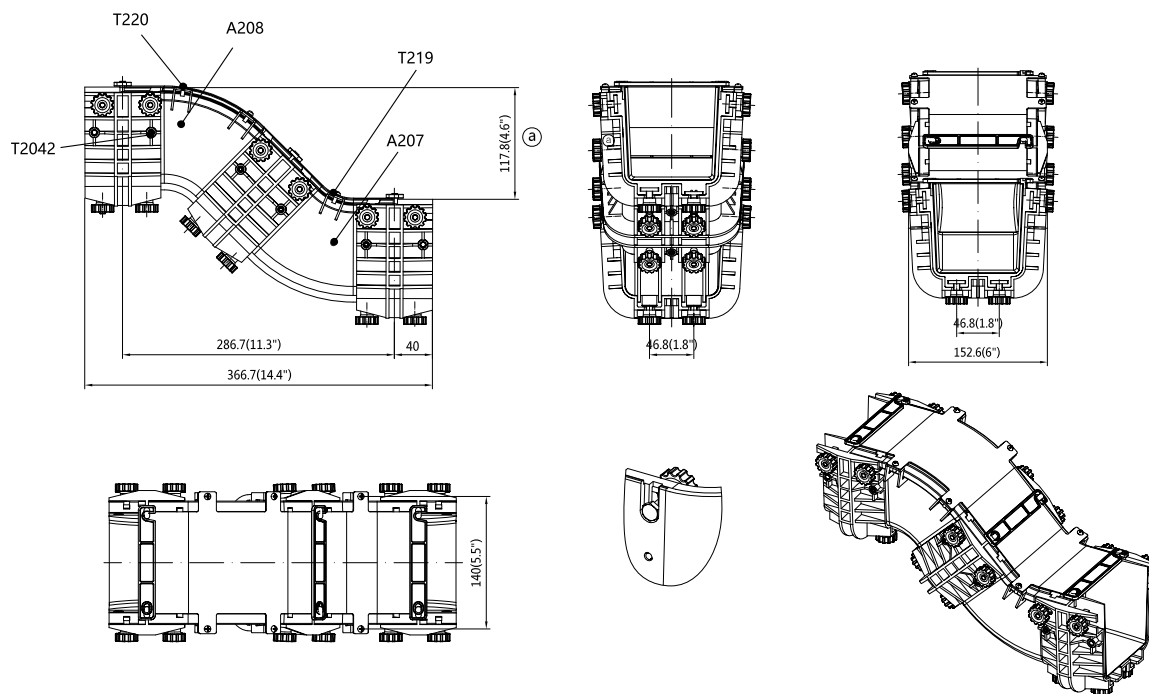
	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
4" P/N: T2041	①	A204	4" Coupler Kit A	1	6" P/N: T3161	①	A316	6" Coupler Kit A	1
	②	A301		8		②	A301		8
	③	A321		8		③	A321		8
10" P/N: T5021	①	A502	10" Coupler Kit A	1	12" P/N: T4281	①	A428	12" Coupler Kit A	1
	②	A301		10		②	A301		10
	③	A321		10		③	A321		10

Coupler Kit B For Other Parts

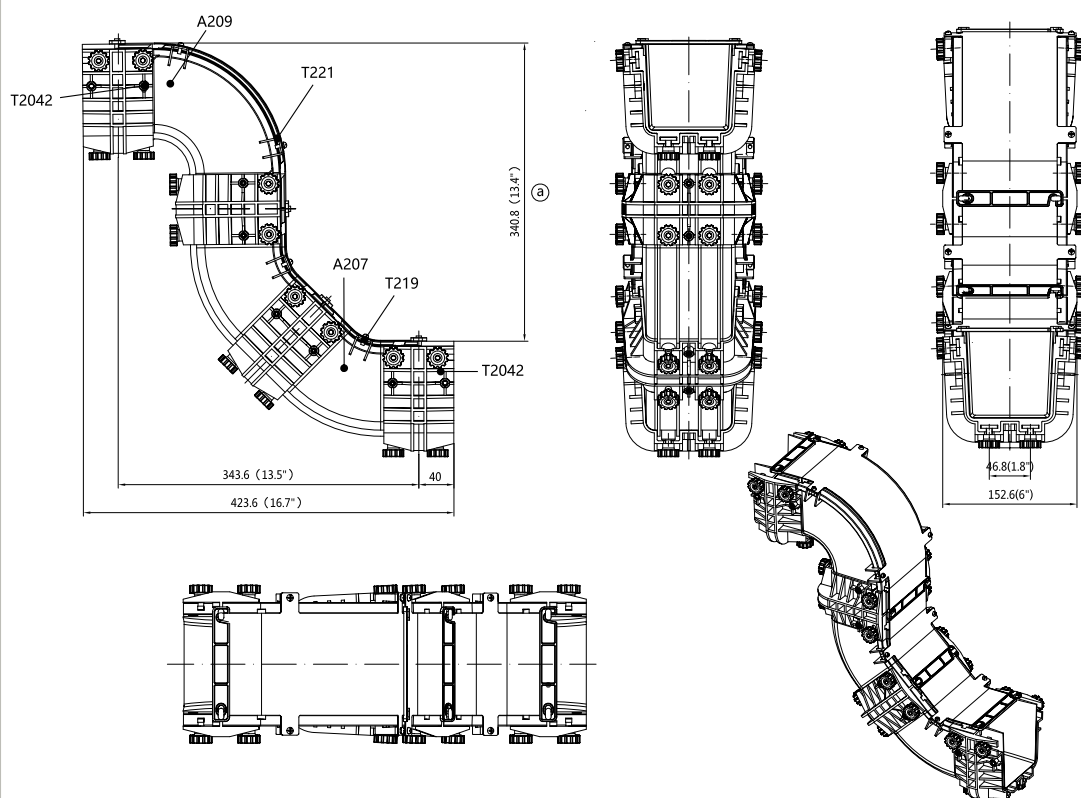
	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
4" P/N: T2042	①	A204	4" Coupler Kit B	1	6" P/N: T3162	①	A316	6" Coupler Kit B	1
	②	A301		8		②	A301		8
	③	A321		4		③	A321		4
	④	GB5780-86		4		④	GB5780-86		4
	⑤	GB79-85		3		⑤	GB79-85		4
10" P/N: T5022	①	A502	10" Coupler Kit B	1	12" P/N: T4282	①	A428	12" Coupler Kit B	1
	②	A301		10		②	A301		10
	③	A321		5		③	A321		5
	④	GB5780-86		5		④	GB5780-86		5
	⑤	GB79-85		6		⑤	GB79-85		6

Example

45° Climbing Installation (4")



90° Climbing Installation (4")

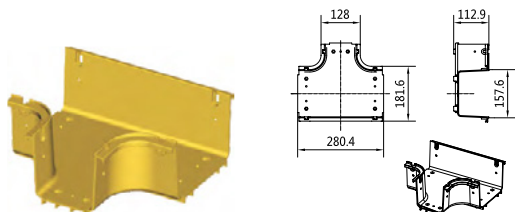


OPTICAL CABLE DUCT

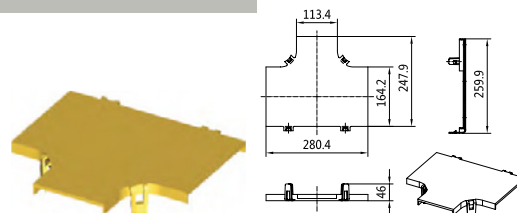
HYBRID COUPLER / ADAPTERS



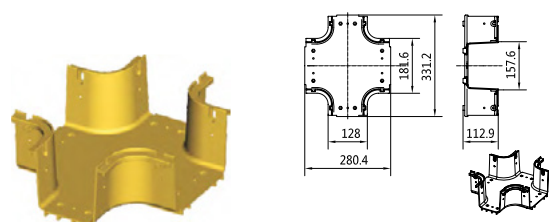
6" to 4" Horizontal T
P/N: A320



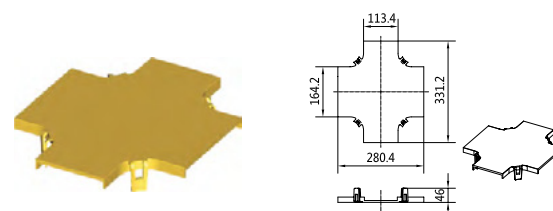
6" to 4" Horizontal T Cover
P/N: A313



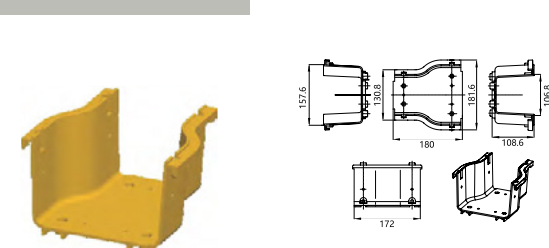
6" to 4" Horizontal Cross
P/N: A326



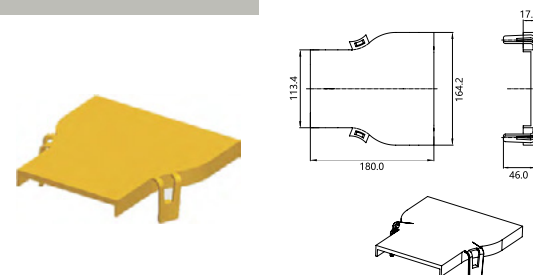
6" to 4" Horizontal Cross Cover
P/N: A329



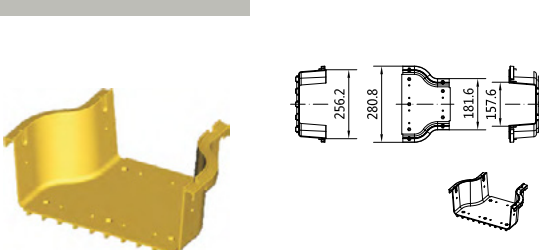
6" to 4" Adapter
P/N: A350



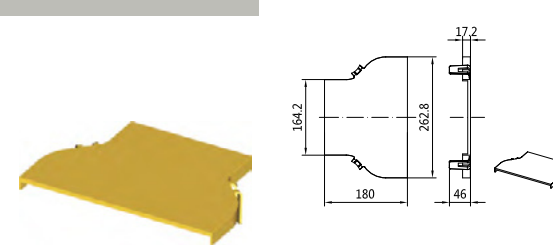
6" to 4" Adapter Cover
P/N: A351



10" to 6" Adapter
P/N: A505



10" to 6" Adapter Cover
P/N: A509

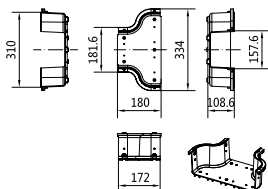


OPTICAL CABLE DUCT

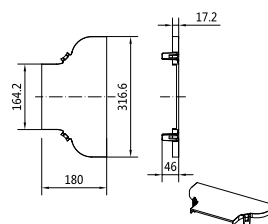
HYBRID COUPLER / ADAPTERS



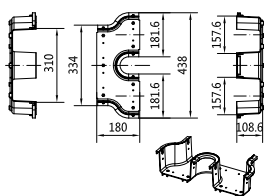
12" to 6" Adapter
P/N: A409



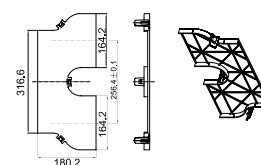
12" to 6" Adapter Cover
P/N: A424



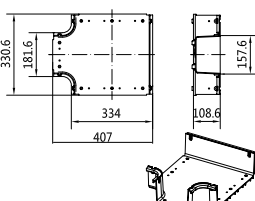
12" to Dual 6" Adapter
P/N: A411



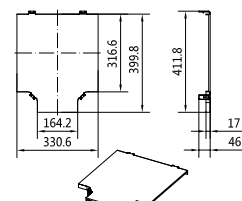
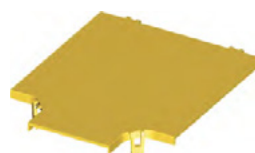
12" to Dual 6" Adapter Cover
P/N: A423



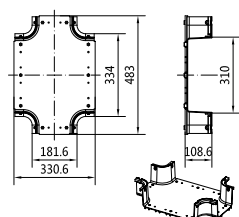
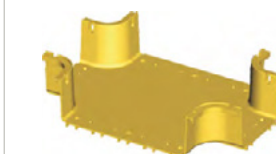
12" to 6" Horizontal T
P/N: A408



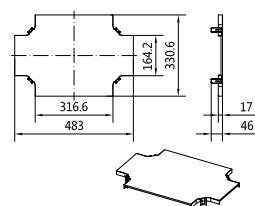
12" to 6" Horizontal T Cover
P/N: A419



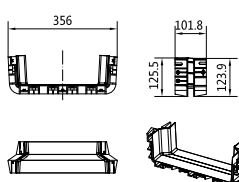
12" to 6" Horizontal Cross
P/N: A410



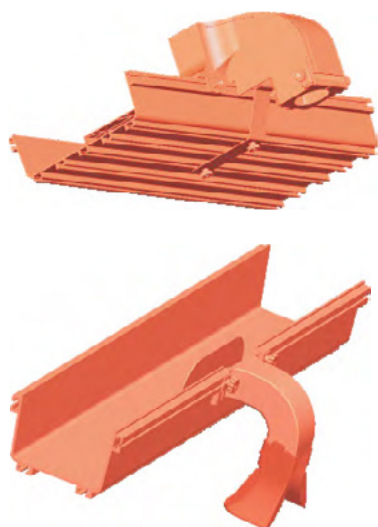
12" to 6" Horizontal Cross Cover
P/N: A421



12" to 10" Coupler Kit
P/N: T445



- | | |
|-----------------------------|---|
| ① A445 12" to 10" Connector | 1 |
| ② A301 Fixing knob | 8 |
| ③ A321 Bolt | 8 |



Flex Tube (diameter: 80mm)
P/N: C80

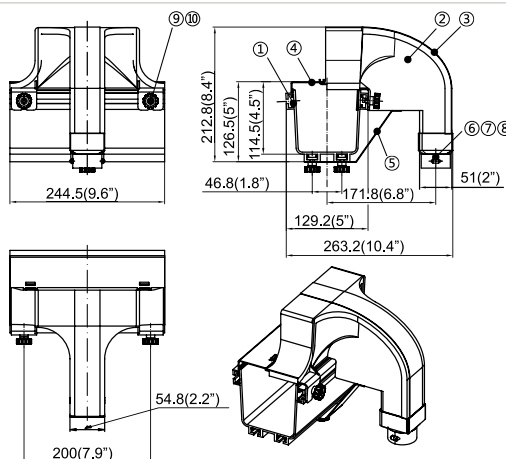


Flex Tube (diameter: 35mm)
P/N: C35



Flex tube retention clip (For C35)
P/N: A35

2" Quick Exit with Flex Tube Drop 1



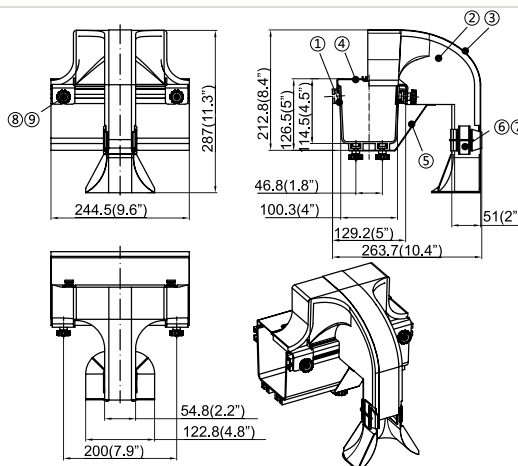
Exit Kit for 4" Duct P/N: T3091

Item	P/N	Part	Quantity
①	A203	4" Straight Unit	N/A
②	A309	2" Quick Exit	1
③	A311	2" Quick Exit Cover	1
④	A250	2" Quick Exit End Cover	1
⑤	A213	4" Supporting Bracket	1
⑥	A109	Splat	1
⑦	A110	Fiber Exit Coupler	1
⑧	GB818-85	M3*8Cross Recessed Pan Head Screw	2
⑨	A301	Fixing Knob	4
⑩	A321	Bolt	4

Exit Kit for 6" Duct P/N: T3092

Item	P/N	Part	Quantity
①	A319	6" Straight Unit	N/A
②	A309	2" Quick Exit	1
③	A311	2" Quick Exit Cover	1
④	A312	2" Quick Exit End Cover	1
⑤	A223	6" Supporting Bracket	1
⑥	A109	Splat	1
⑦	A110	Fiber Exit Connector	1
⑧	GB818-85	M3*8Cross Recessed Pan Head Screw	2
⑨	A301	Fixing Knob	4
⑩	A321	Bolt	4

2" Quick Exit with Trumpet Flare Drop 1



Exit Kit for 4" Duct P/N: T3093

Item	P/N	Part	Quantity
①	A203	4" Straight Unit	N/A
②	A309	2" Quick Exit	1
③	A311	2" Quick Exit Cover	1
④	A250	2" Quick Exit End Cover	1
⑤	A213	4" Supporting Bracket	1
⑥	A108	2" Coupler	1
⑦	A103	Trumpet Flare	1
⑧	A301	Fixing Knob	4
⑨	A321	Bolt	4

Exit Kit for 6" Duct P/N: T3094

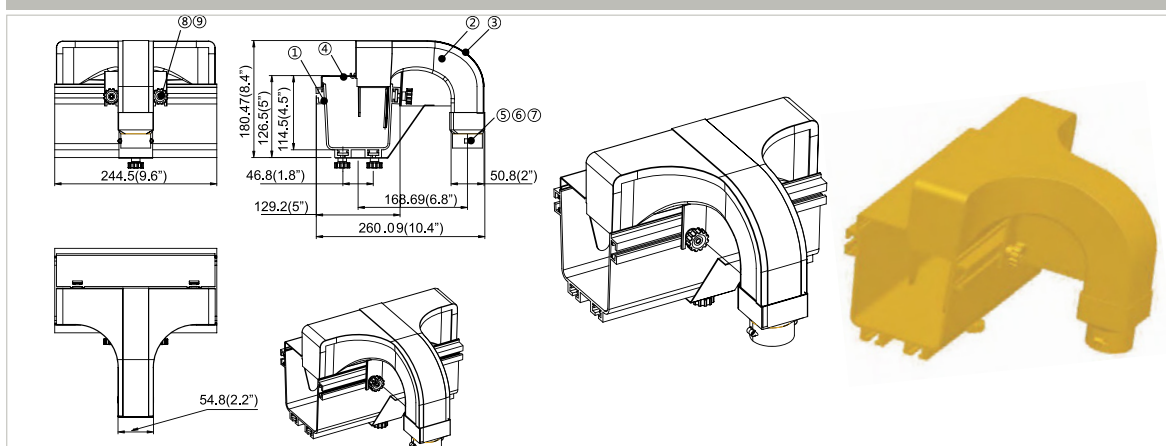
Item	P/N	Part	Quantity
①	A319	6" Straight Unit	N/A
②	A309	2" Quick Exit	1
③	A311	2" Quick Exit Cover	1
④	A312	2" Quick Exit End Cover	1
⑤	A223	6" Supporting Bracket	1
⑥	A108	2" Coupler	1
⑦	A103	Trumpet Flare	1
⑧	A301	Fixing Knob	4
⑨	A321	Bolt	4

OPTICAL CABLE DUCT

EXIT DROP OPTIONS



2" Quick Exit with Flex Tube Drop 2



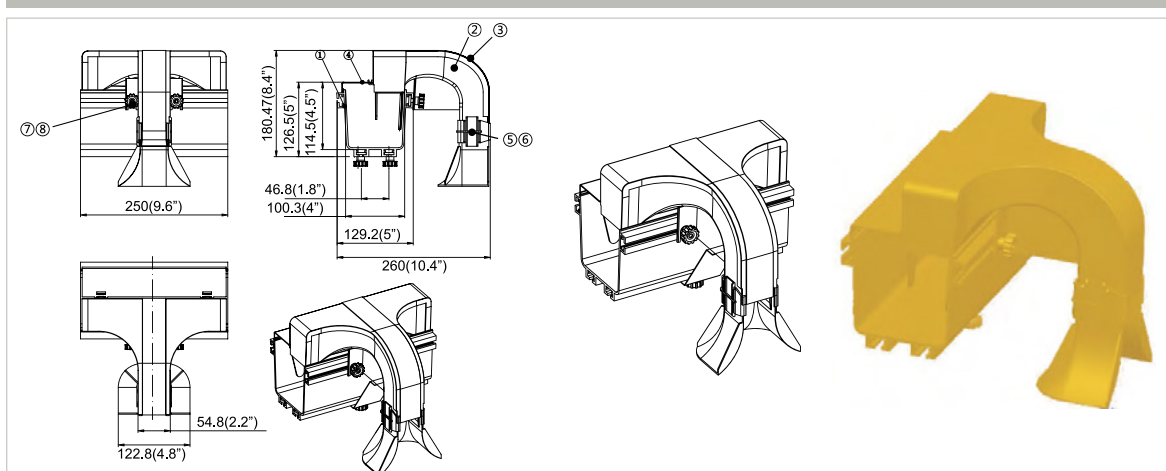
Exit Kit for 4" Duct P/N: T2341

	Item	P/N	Part	Quantity
P/N: T2341	①	A203	4" Straight Unit	N/A
	②	A234	2" Quick Exit	1
	③	A233	2" Quick Exit Cover	1
	④	A250	2" Quick Exit End Cover	1
	⑤	A109	Splat	1
	⑥	A110	Fiber Exit Coupler	1
	⑦	GB818-85	M3*8Cross Recessed Pan Head Screw	2
	⑧	A301	Fixing Knob	2
	⑨	A321	Bolt	2

Exit Kit for 6" Duct P/N: T2342

	Item	P/N	Part	Quantity
P/N: T2342	①	A319	6" Straight Unit	N/A
	②	A234	2" Quick Exit	1
	③	A233	2" Quick Exit Cover	1
	④	A356	2" Quick Exit End Cover	1
	⑤	A109	Splat	1
	⑥	A110	Fiber Exit Coupler	1
	⑦	GB818-85	M3*8Cross Recessed Pan Head Screw	2
	⑧	A301	Fixing Knob	2
	⑨	A321	Bolt	2

2" Quick Exit with Trumpet Flare Drop 2



Exit Kit for 4" Duct P/N: T2343

	Item	P/N	Part	Quantity
P/N: T2343	①	A203	4" Straight Unit	N/A
	②	A234	2" Quick Exit	1
	③	A233	2" Quick Exit Cover	1
	④	A250	2" Quick Exit End Cover	1
	⑤	A108	2" Coupler	1
	⑥	A103	Trumpet Flare	1
	⑦	A301	Fixing Knob	2
	⑧	A321	Bolt	2

Exit Kit for 6" Duct P/N: T2344

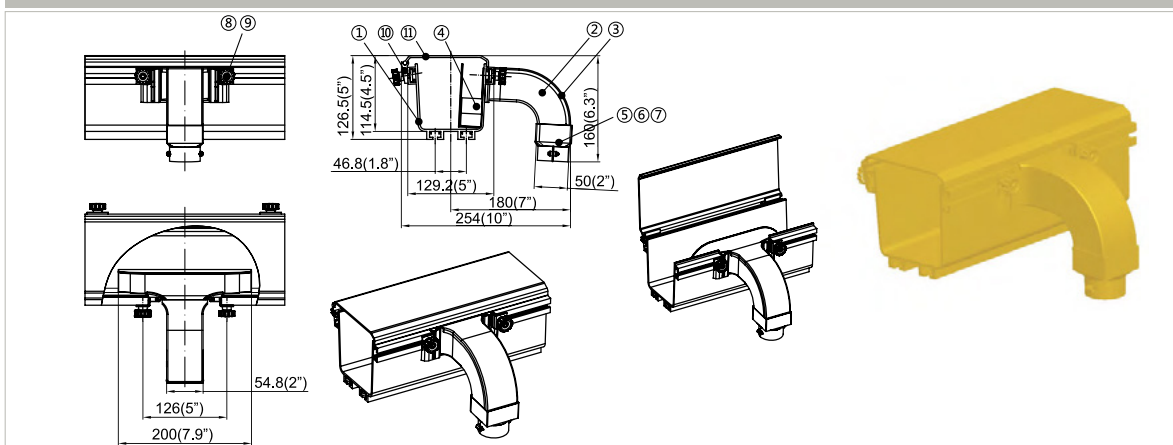
	Item	P/N	Part	Quantity
P/N: T2344	①	A319	6" Straight Unit	N/A
	②	A234	2" Quick Exit	1
	③	A233	2" Quick Exit Cover	1
	④	A356	2" Quick Exit End Cover	1
	⑤	A108	2" Coupler	1
	⑥	A103	Trumpet Flare	1
	⑦	A301	Fixing Knob	2
	⑧	A321	Bolt	2

OPTICAL CABLE DUCT

EXIT DROP OPTIONS



2" Fixed Exit with Flex Tube Drop (required to remove sidewall)



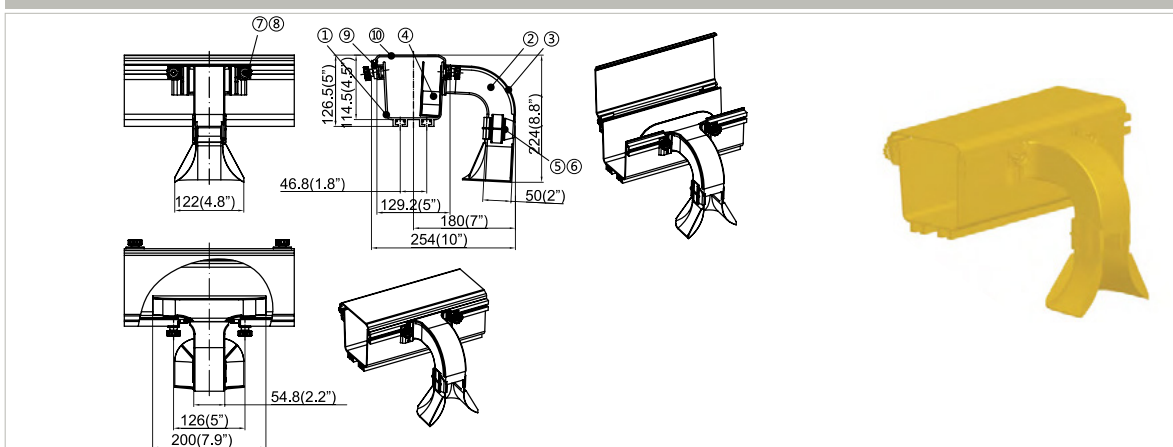
Exit Kit for 4" Duct P/N: T1111

Item	P/N	Part	Quantity
①	A203	4" Straight Unit	N/A
②	A111	2" Fixed Exit	1
③	A113	2" Fixed Exit Cover	1
④	A112	2" Tray Fiber Runner	1
⑤	A109	Splat	1
⑥	A110	Flex tube attachment	1
⑦	A301	Fixing Knob	2
⑧	A321	Bolt	2
⑨	A303	Hinge	
⑩	A202	4" Straight Unit Cover	

Exit Kit for 6" Duct P/N: T1112

Item	P/N	Part	Quantity
①	A319	6" Straight Unit	N/A
②	A111	2" Fixed Exit	1
③	A113	2" Fixed Exit Cover	1
④	A112	2" Tray Fiber Runner	1
⑤	A109	Splat	1
⑥	A110	Flex tube attachment	1
⑦	A301	Fixing Knob	2
⑧	A321	Bolt	2
⑨	A303	Hinge	
⑩	A302	6" Straight Unit Cover	

2" Fixed Exit With Trumpet Flare Drop (required to remove sidewall)



Exit Kit for 4" Duct P/N: T1113

Item	P/N	Part	Quantity
①	A203	4" Straight Unit	N/A
②	A111	2" Fixed Exit	1
③	A113	2" Fixed Exit Cover	1
④	A112	2" Tray Fiber Runner	1
⑤	A108	2" Connector	1
⑥	A103	Trumpet Flare	1
⑦	A301	Fixing Knob	2
⑧	A321	Bolt	2
⑨	A303	Hinge	N/A
⑩	A202	4" Straight Unit Cover	N/A

Exit Kit for 6" Duct P/N: T1114

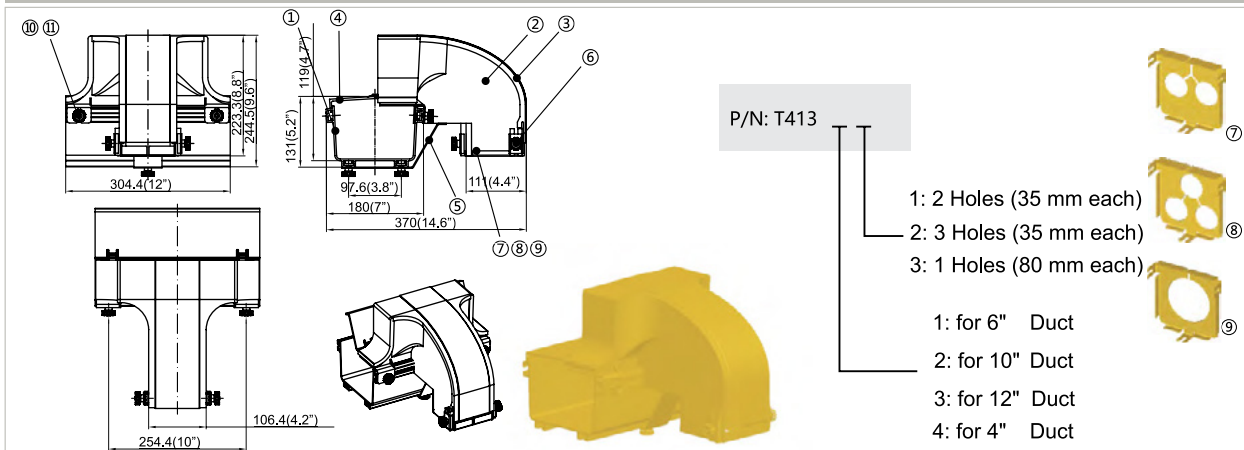
Item	P/N	Part	Quantity
①	A319	6" Straight Unit	N/A
②	A111	2" Fixed Exit	1
③	A113	2" Fixed Exit Cover	1
④	A112	2" Tray Fiber Runner	1
⑤	A108	2" Connector	1
⑥	A103	Trumpet Flare	1
⑦	A301	Fixing Knob	2
⑧	A321	Bolt	2
⑨	A303	Hinge	N/A
⑩	A302	6" Straight Unit Cover	N/A

OPTICAL CABLE DUCT

EXIT DROP OPTIONS



4" Quick Exit with Flex Tube Drop 1



Exit Kit for 4" Duct P/N: T413 _ _					Exit Kit for 6" Duct P/N: T413 _ _				
	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
P/N: T413 _ _	①	A203	4" Straight Unit	N/A	P/N: T413 _ _	①	A319	6" Straight Unit	N/A
	②	A413	4" Quick Exit	1		②	A413	4" Quick Exit	1
	③	A415	4" Quick Exit Cover	1		③	A415	4" Quick Exit Cover	1
	④	A344	4" Quick Exit End Cover	1		④	A344	4" Quick Exit End Cover	1
	⑤	A213	4" Supporting Bracket	1		⑤	A323	6" Supporting Bracket	1
	⑥	A324	Lock Washer	3		⑥	A324	Lock Washer	3
	⑦	A432	4" Fiber Board (1)	1		⑦	A432	4" Fiber Board (1)	Choose one
	⑧	A433	4" Fiber Board (2)	1		⑧	A433	4" Fiber Board (2)	
	⑨	A443	4" Fiber Board (3)	1		⑨	A443	4" Fiber Board (3)	
	⑩	A301	Fixing Knob	7		⑩	A301	Fixing Knob	7
	⑪	A321	Bolt	7		⑪	A321	Bolt	7

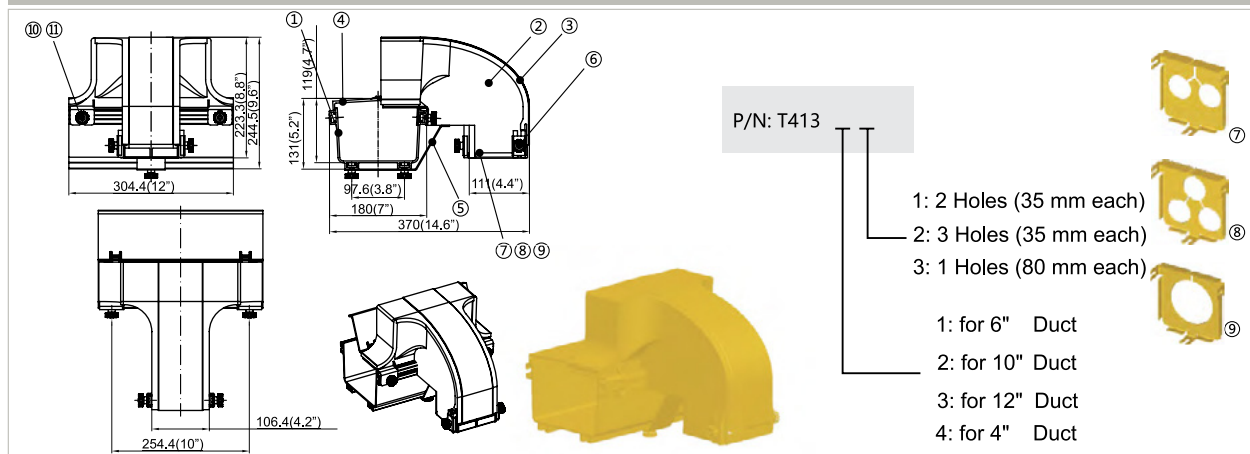
Exit Kit for 10" Duct P/N: T413 __					Exit Kit for 12" Duct P/N: T413 __				
P/N: T413 __	Item	P/N	Part	Quantity	P/N: T413 __	Item	P/N	Part	Quantity
	①	A501	10" Straight Unit	N/A		①	A403	12" Straight Unit	N/A
	②	A413	4" Quick Exit	1		②	A413	4" Quick Exit	1
	③	A415	4" Quick Exit Cover	1		③	A415	4" Quick Exit Cover	1
	④	A511	4" Quick Exit End Cover	1		④	A416	4" Quick Exit End Cover	1
	⑤	A515	10" Supporting Bracket	1		⑤	A430	12" Supporting Bracket	1
	⑥	A324	Lock Washer	3		⑥	A324	Lock Washer	3
	⑦	A432	4" Fiber Board (1)	Choose one		⑦	A432	4" Fiber Board (1)	Choose one
	⑧	A433	4" Fiber Board (2)			⑧	A433	4" Fiber Board (2)	
	⑨	A443	4" Fiber Board (3)			⑨	A443	4" Fiber Board (3)	
	⑩	A301	Fixing Knob	7		⑩	A301	Fixing Knob	7
⑪	A321	Bolt	7	⑪	A321	Bolt	7		

OPTICAL CABLE DUCT

EXIT DROP OPTIONS



4" Quick Exit with Flex Tube Drop 1



Exit Kit for 4" Duct P/N: T413 __

	Item	P/N	Part	Quantity
P/N: T413 __	①	A203	4" Straight Unit	N/A
	②	A413	4" Quick Exit	1
	③	A415	4" Quick Exit Cover	1
	④	A344	4" Quick Exit End Cover	1
	⑤	A213	4" Supporting Bracket	1
	⑥	A324	Lock Washer	3
	⑦	A432	4" Fiber Board (1)	1
	⑧	A433	4" Fiber Board (2)	1
	⑨	A443	4" Fiber Board (3)	1
	⑩	A301	Fixing Knob	7
	⑪	A321	Bolt	7

Exit Kit for 6" Duct P/N: T413 __

	Item	P/N	Part	Quantity
P/N: T413 __	①	A319	6" Straight Unit	N/A
	②	A413	4" Quick Exit	1
	③	A415	4" Quick Exit Cover	1
	④	A344	4" Quick Exit End Cover	1
	⑤	A323	6" Supporting Bracket	1
	⑥	A324	Lock Washer	3
	⑦	A432	4" Fiber Board (1)	Choose one
	⑧	A433	4" Fiber Board (2)	
	⑨	A443	4" Fiber Board (3)	
	⑩	A301	Fixing Knob	7
	⑪	A321	Bolt	7

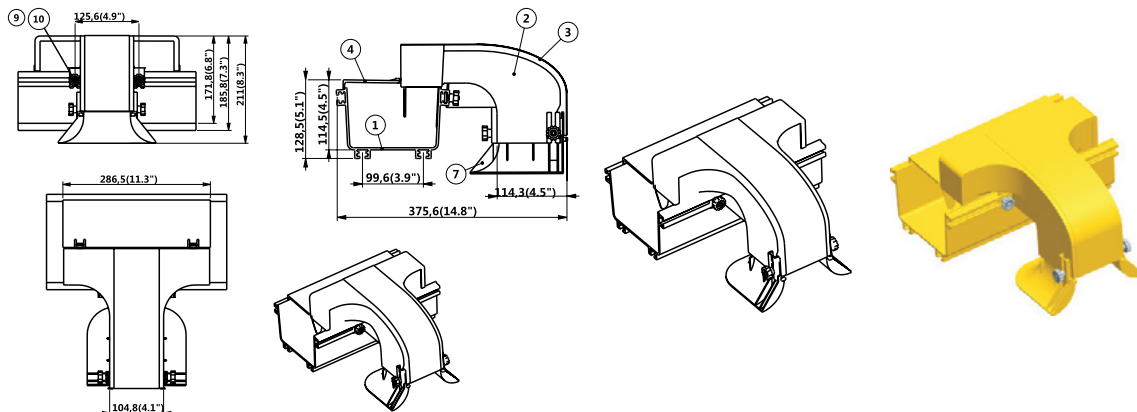
Exit Kit for 10" Duct P/N: T413 __

	Item	P/N	Part	Quantity
P/N: T413 __	①	A501	10" Straight Unit	N/A
	②	A413	4" Quick Exit	1
	③	A415	4" Quick Exit Cover	1
	④	A511	4" Quick Exit End Cover	1
	⑤	A515	10" Supporting Bracket	1
	⑥	A324	Lock Washer	3
	⑦	A432	4" Fiber Board (1)	Choose one
	⑧	A433	4" Fiber Board (2)	
	⑨	A443	4" Fiber Board (3)	
	⑩	A301	Fixing Knob	7
	⑪	A321	Bolt	7

Exit Kit for 12" Duct P/N: T413 __

	Item	P/N	Part	Quantity
P/N: T413 __	①	A403	12" Straight Unit	N/A
	②	A413	4" Quick Exit	1
	③	A415	4" Quick Exit Cover	1
	④	A416	4" Quick Exit End Cover	1
	⑤	A430	12" Supporting Bracket	1
	⑥	A324	Lock Washer	3
	⑦	A432	4" Fiber Board (1)	Choose one
	⑧	A433	4" Fiber Board (2)	
	⑨	A443	4" Fiber Board (3)	
	⑩	A301	Fixing Knob	7
	⑪	A321	Bolt	7

4" Quick Exit with Trumpet Flare Drop 2

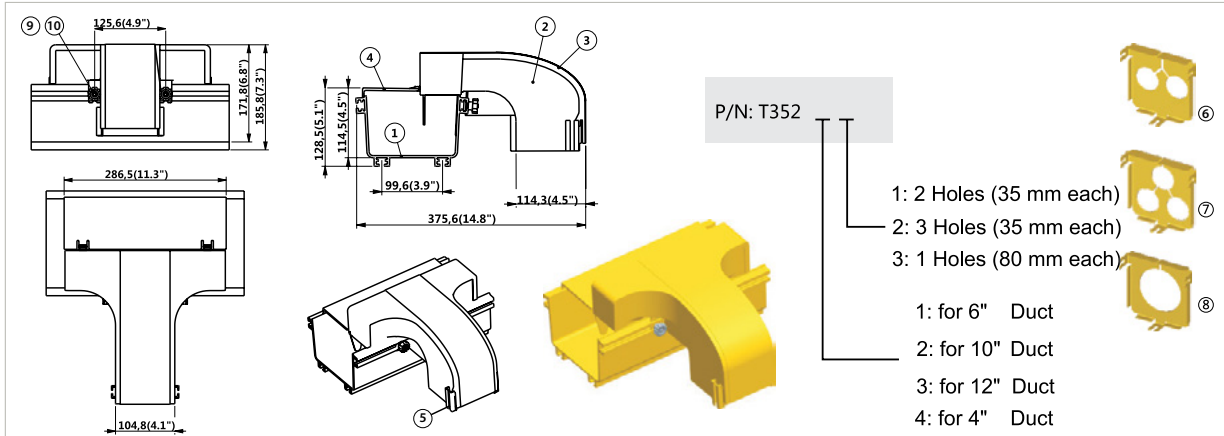


Exit Kit for 4" Duct P/N: T35244					Exit Kit for 6" Duct P/N: T35214				
	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
P/N: T35244	①	A203	4" Straight Unit	N/A	P/N: T35214	①	A319	6" Straight Unit	N/A
	②	A352	4" Quick Exit	1		②	A352	4" Quick Exit	1
	③	A353	4" Quick Exit Cover	1		③	A353	4" Quick Exit Cover	1
	④	A237	4" Quick Exit End Cover	1		④	A354	6" to 4" Exit End Cover	1
	⑤	A324	Lock Washer	3		⑤	A324	Lock Washer	3
	⑥	A210	4" Trumpet Flare	1		⑥	A210	4" Trumpet Flare	1
	⑦	A201	4" Pull Rod	1		⑦	A201	4" Pull Rod	1
	⑧	A301	Fixing Knob	5		⑧	A301	Fixing Knob	5
	⑨	A321	Bolt	5		⑨	A321	Bolt	5

Exit Kit for 10" Duct P/N: T35224					Exit Kit for 12" Duct P/N: T35234				
	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
P/N: T35224	①	A501	10" Straight Unit	N/A	P/N: T35234	①	A403	12" Straight Unit	N/A
	②	A352	4" Quick Exit	1		②	A352	4" Quick Exit	1
	③	A353	4" Quick Exit Cover	1		③	A353	4" Quick Exit Cover	1
	⑥	A324	Lock Washer	3		⑥	A324	Lock Washer	3
	⑦	A210	4" Trumpet Flare	1		⑦	A210	4" Trumpet Flare	1
	⑧	A201	4" Pull Rod	1		⑧	A201	4" Pull Rod	1
	⑨	A301	Fixing Knob	5		⑨	A301	Fixing Knob	5
	⑩	A321	Bolt	5		⑩	A321	Bolt	5



4" Quick Exit with Flex Tube Drop 2



Exit Kit for 4" Duct P/N: T352 __

Item	P/N	Part	Quantity
①	A203	4" Straight Unit	N/A
②	A352	4" Quick Exit	1
③	A353	4" Quick Exit Cover	1
④	A237	4" Quick Exit End Cover	1
⑤	A324	Lock Washer	3
⑥	A432	4" Fiber Board (1)	1
⑦	A433	4" Fiber Board (2)	1
⑧	A443	4" Fiber Board (3)	1
⑨	A301	Fixing Knob	5
⑩	A321	Bolt	5

Exit Kit for 6" Duct P/N: T352 __

Item	P/N	Part	Quantity
①	A319	6" Straight Unit	N/A
②	A352	4" Quick Exit	1
③	A353	4" Quick Exit Cover	1
④	A354	6" to 4" Exit End Cover	1
⑤	A324	Lock Washer	3
⑥	A432	4" Fiber Board (1)	Chose one
⑦	A433	4" Fiber Board (2)	
⑧	A443	4" Fiber Board (3)	
⑨	A301	Fixing Knob	5
⑩	A321	Bolt	5

Exit Kit for 10" Duct P/N: T352 __

Item	P/N	Part	Quantity
①	A501	10" Straight Unit	N/A
②	A352	4" Quick Exit	1
③	A353	4" Quick Exit Cover	1
	A324	Lock Washer	3
	A432	4" Fiber Board (1)	Chose one
	A433	4" Fiber Board (2)	
	A443	4" Fiber Board (3)	
	A301	Fixing Knob	5
	A321	Bolt	5

Exit Kit for 12" Duct P/N: T352 __

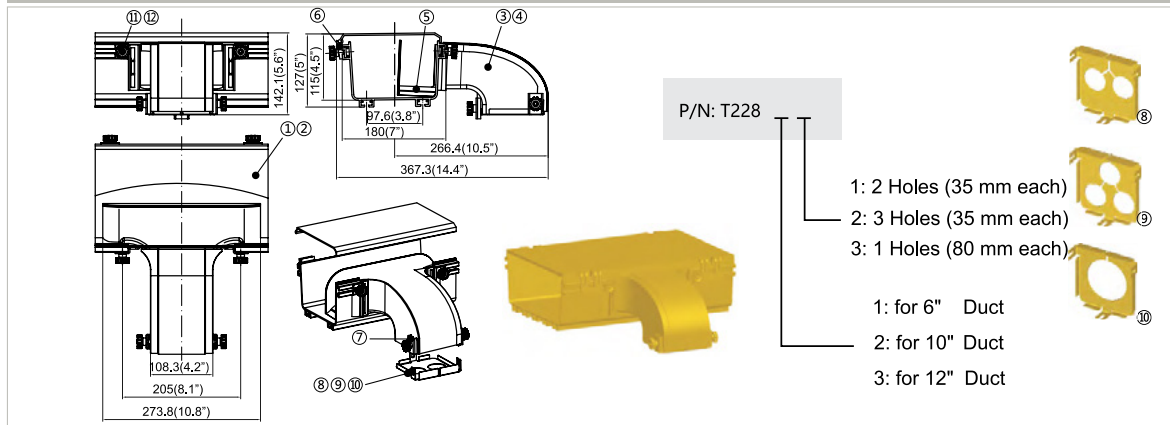
Item	P/N	Part	Quantity
①	A403	12" Straight Unit	N/A
②	A352	4" Quick Exit	1
③	A353	4" Quick Exit Cover	1
⑤	A324	Lock Washer	3
⑥	A432	4" Fiber Board (1)	Chose one
⑦	A433	4" Fiber Board (2)	
⑧	A443	4" Fiber Board (3)	
⑨	A301	Fixing Knob	5
⑩	A321	Bolt	5

OPTICAL CABLE DUCT

EXIT DROP OPTIONS

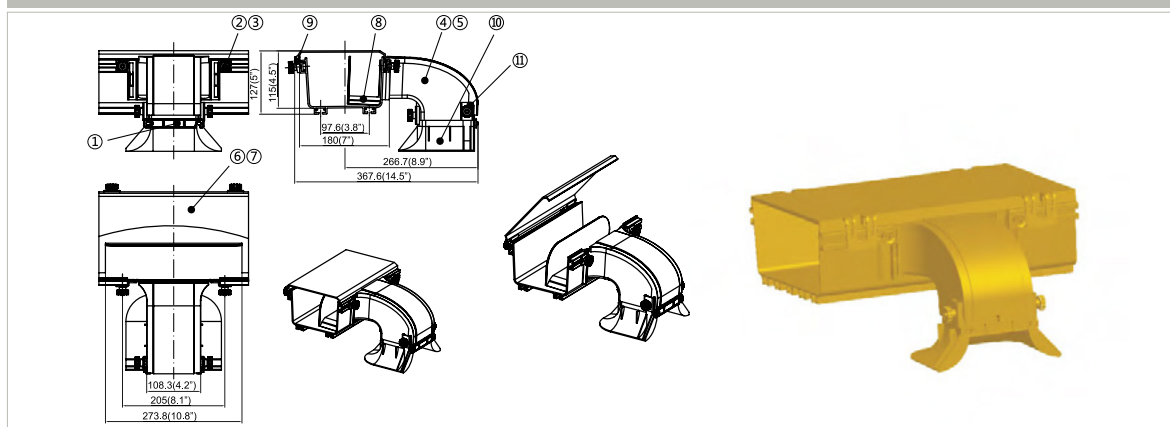


4" Fixed Exit with Flex Tube Drop (required to remove sidewall)



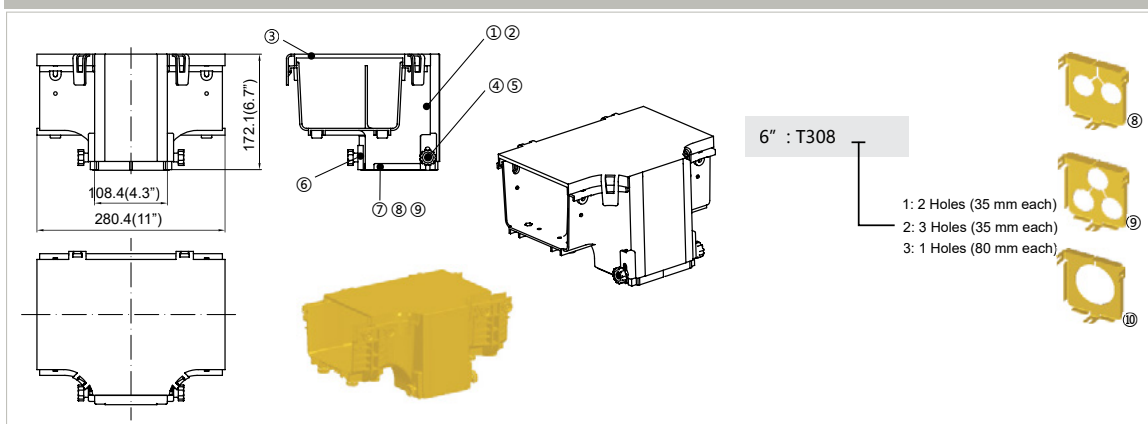
Exit Kit for 6" Duct P/N: T228_				Exit Kit for 10" Duct P/N: T228_				Exit Kit for 12" Duct P/N: T228_			
Item	P/N	Part	Quantity	Item	P/N	Part	Quantity	Item	P/N	Part	Quantity
①	A319	6" Straight Unit	N/A	①	A501	10" Straight Unit	N/A	①	A403	12" Straight Unit	N/A
②	A302	6" Straight Unit Cover	N/A	②	A510	10" Straight Unit Cover	N/A	②	A422	12" Straight Unit Cover	N/A
③	A228	4" Fixed Exit	1	③	A228	4" Fixed Exit	1	③	A228	4" Fixed Exit	1
④	A229	4" Fixed Exit Cover	1	④	A229	4" Fixed Exit Cover	1	④	A229	4" Fixed Exit Cover	1
⑤	A230	4" Runner	1	⑤	A230	4" Runner	1	⑤	A230	4" Runner	1
⑥	A303	Hinge	2	⑦	A324	lock washer	3	⑦	A324	lock washer	3
⑦	A324	lock washer	3	⑧	A432	4" Fiber Board (1)	Choose one	⑧	A432	4" Fiber Board (1)	Choose one
⑧	A432	4" Fiber Board (1)	Choose one	⑨	A433	4" Fiber Board (2)		⑨	A433	4" Fiber Board (2)	
⑨	A433	4" Fiber Board (2)		⑩	A443	4" Fiber Board (3)		⑩	A443	4" Fiber Board (3)	
⑩	A443	4" Fiber Board (3)		⑪	A301	Fixing Knob	5	⑪	A301	Fixing Knob	5
⑪	A301	Fixing Knob	7	⑫	A321	Bolt	5	⑫	A321	Bolt	5
⑫	A321	Bolt	7								

4" Fixed Express Exit With Trumpet Flare



Exit Kit for 6" Duct P/N: T22814				Exit Kit for 10" Duct P/N: T22824				Exit Kit for 12" Duct P/N: T22834			
Item	P/N	Part	Quantity	Item	P/N	Part	Quantity	Item	P/N	Part	Quantity
①	A201	4" Pull Rod	1	①	A201	4" Pull Rod	1	①	A201	4" Pull Rod	1
②	A301	Fixing Knob	7	②	A301	Fixing Knob	5	②	A301	Fixing Knob	5
③	A321	Bolt	7	③	A321	Bolt	5	③	A321	Bolt	5
④	A228	4" Fixed Exit	1	④	A228	4" Fixed Exit	1	④	A228	4" Fixed Exit	1
⑤	A229	4" Fixed Exit Cover	1	⑤	A229	4" Fixed Exit Cover	1	⑤	A229	4" Fixed Exit Cover	1
⑥	A230	4" Runner	1	⑥	A230	4" Runner	1	⑥	A230	4" Runner	1
⑦	A303	Hinge	2	⑦				⑦			
⑧	A210	Trumpet Flare	2	⑧	A210	Trumpet Flare	2	⑧	A210	Trumpet Flare	2
⑨	A324	Lock Washer	3	⑨	A324	Lock Washer	3	⑨	A324	Lock Washer	3
⑩	A319	6" Straight Unit	N/A	⑩	A501	10" Straight Unit	N/A	⑩	A403	12" Straight Unit	N/A
⑪	A302	6" Straight Unit Cover	N/A	⑪	A510	10" Straight Unit Cover	N/A	⑪	A422	12" Straight Unit Cover	N/A

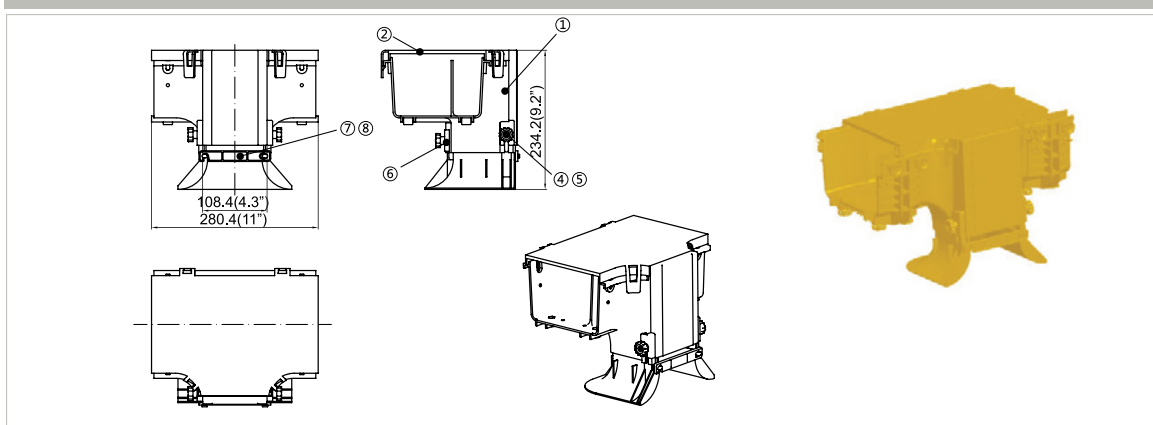
Downspout with Flex Tube



Downspout for 6" Duct P/N: T308_

	Item	P/N	Part	Quantity
P/N: T308_	①	A308	6" Downspout	1
	②	A355	6" Downspout Front Cover	1
	③	A313 (D)	6" to 4" Horizontal T Cover	1
	④	A301	Fixing Knob	3
	⑤	A321	Bolt	3
	⑥	A324	Lock Washer	3
	⑦	A432	4" Fiber Board (1)	Choose one
	⑧	A433	4" Fiber Board (2)	
	⑨	A443	4" Fiber Board (3)	

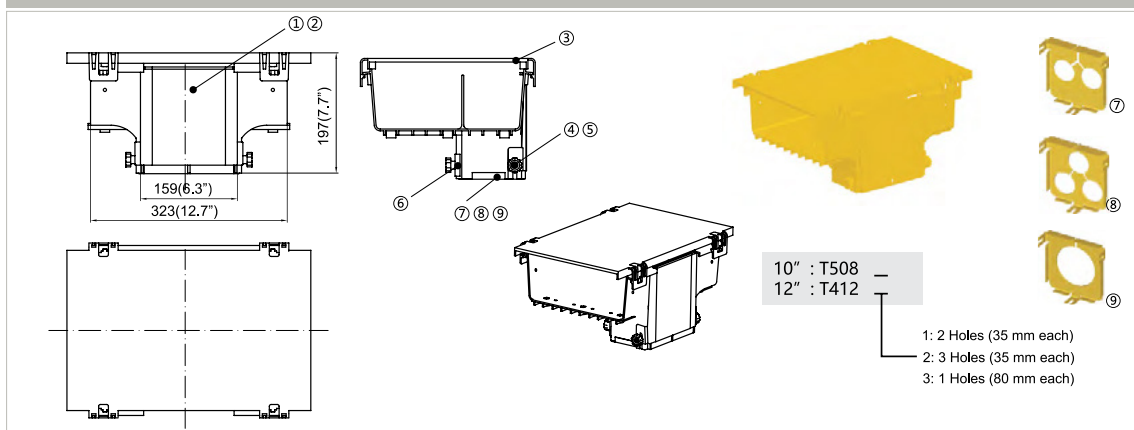
Downspout with Trumpet Flare



Downspout for 6" Duct P/N: T3084

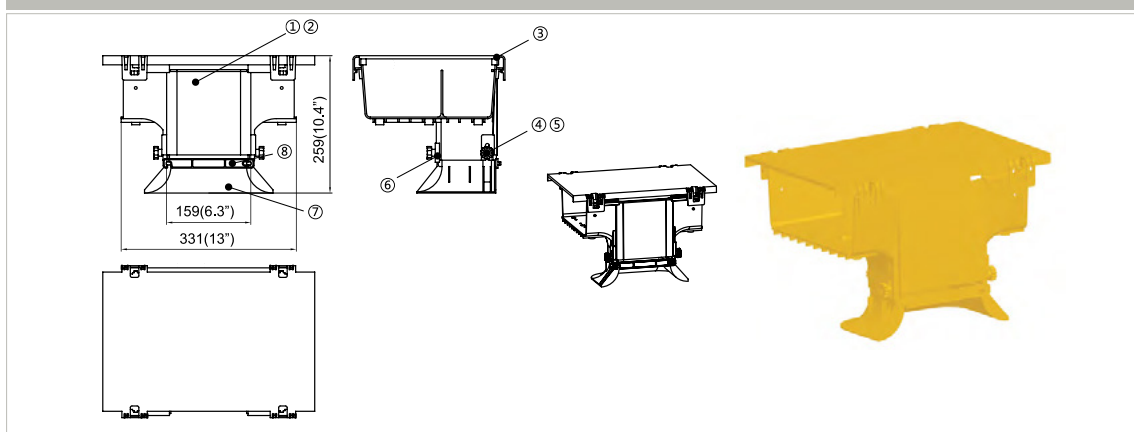
	Item	P/N	Part	Quantity
P/N: T3084	①	A308	6" Downspout	1
	②	A355	6" Downspout Front Cover	1
	④	A301	Fixing Knob	3
	⑤	A321	Bolt	3
	⑥	A324	Lock Washer	3
	⑦	A201	4" Pull Rod	1
	⑧	A210	4" Trumpet Flare	1

Downspout with Flex Tube



Downspout for 10" Duct P/N: T508_				Downspout for 12" Duct P/N: T412_			
Item	P/N	Part	Quantity	Item	P/N	Part	Quantity
①	A508	10" Downspout	1	①	A412	12" Downspout	1
②	A444	12" Downspout Front Cover	1	②	A444	12" Downspout Front Cover	1
③	A510	10" Straight Unit Cover	1	③	A422	12" Straight Unit Cover	1
④	A301	Fixing Knob	4	④	A301	Fixing Knob	4
⑤	A321	Bolt	4	⑤	A321	Bolt	4
⑥	A324	Lock Washer	4	⑥	A324	Lock Washer	4
⑦	A450	12" Fiber Board (1)	Choose one	⑦	A450	12" Fiber Board (1)	Choose one
⑧	A451	12" Fiber Board (2)		⑧	A451	12" Fiber Board (2)	
⑨	A452	12" Fiber Board (3)		⑨	A452	12" Fiber Board (3)	

Downspout with Trumpet Flare



Downspout for 10" Duct P/N: T5084				Downspout for 12" Duct P/N: T4124			
Item	P/N	Part	Quantity	Item	P/N	Part	Quantity
①	A508	10" Downspout	1	①	A412	12" Downspout	1
②	A444	12" Downspout Front Cover	1	②	A444	12" Downspout Front Cover	1
③	A510	10" Straight Unit Cover	1	③	A422	12" Straight Unit Cover	1
④	A301	Fixing Knob	4	④	A301	Fixing Knob	4
⑤	A321	Bolt	4	⑤	A321	Bolt	4
⑥	A324	Lock Washer	4	⑥	A324	Lock Washer	4
⑦	A310	6" Trumpet flare	1	⑦	A310	6" Trumpet flare	1
⑧	A304	6" Pull rod	1	⑧	A304	6" Pull rod	1

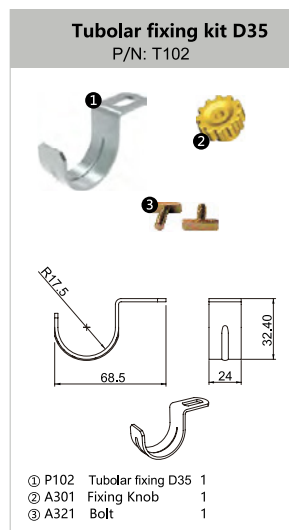
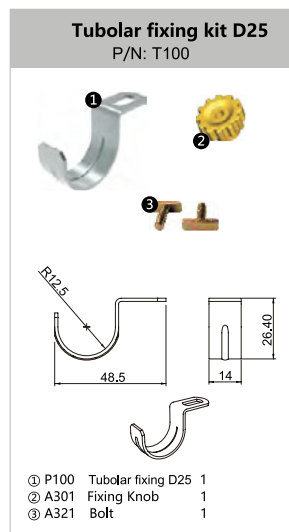
*T5084 in previous version

OPTICAL CABLE DUCT INSTALLATION/SUPPORTING SYSTEMS

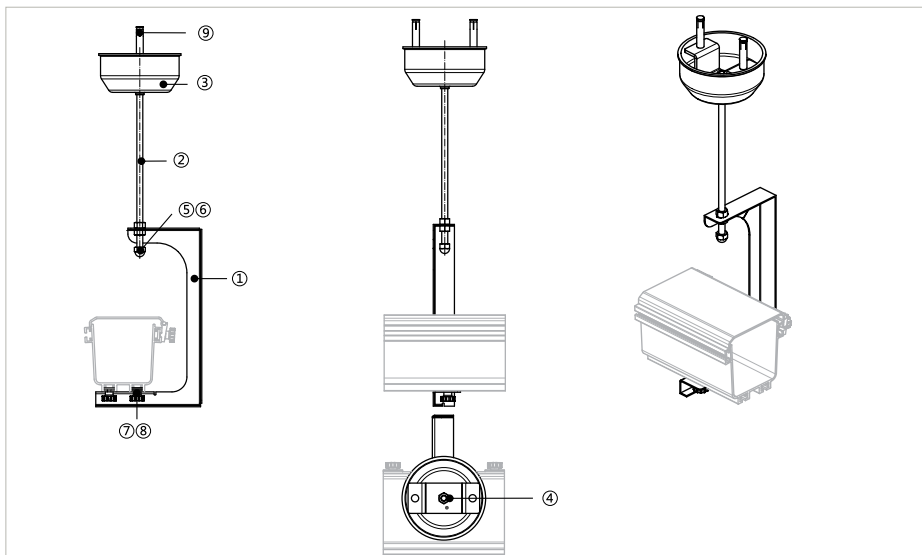


Installation / Supporting Systems

- Anchor Support
- Trapeze Support
- Top of Rack/Cabinet Support
- Auxiliary Framing Support
- Side Bracing Support



Anchor Support



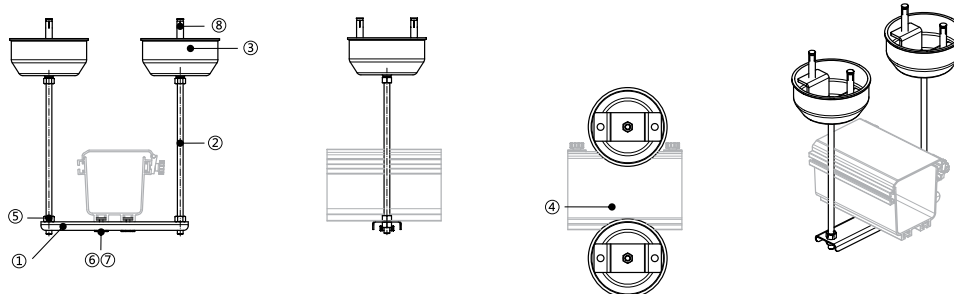
Installation Parts

	Item	P/N	Part	Quantity
4" P/N: T2170	①	T217	4" C-Bracket	1
	②	PS10*	Threaded Rod	1
	③	TJ021	Ejector Sleeve	1
	④	A222	Supporting Bracket	1
	⑤	GB/T6170-2000	M10 Screw Nut Kits	4
	⑥	GB923-88	M10 Cap Nut	1
	⑦	A301	Fixing Knob	2
	⑧	A321	Bolt	2
	⑨		M8 Expansion Screw	2
6" P/N: T3300	①	T330	6" C-Bracket	1
	②	PS10*	Threaded Rod	1
	③	TJ021	Ejector Sleeve	1
	④	A222	Supporting Bracket	1
	⑤	GB/T6170-2000	M10 Screw Nut Kits	4
	⑥	GB923-88	M10 Cap Nut	1
	⑦	A301	Fixing Knob	2
	⑧	A321	Bolt	2
	⑨		M8 Expansion Screw	2
10" P/N: T5540 (T540 in previous version)	①	T554	10" C-Bracket	1
	②	PS10*	Threaded Rod	1
	③	TJ021	Ejector Sleeve	1
	④	A222	Supporting Bracket	1
	⑤	GB/T6170-2000	M10 Screw Nut Kits	4
	⑥	GB923-88	M10 Cap Nut	1
	⑦	A301	Fixing Knob	3
	⑧	A321	Bolt	3
	⑨		M8 Expansion Screw	3
12" P/N: T4350	①	T435	12" C-Bracket	1
	②	PS10*	Threaded Rod	1
	③	TJ021	Ejector Sleeve	1
	④	A222	Supporting Bracket	1
	⑤	GB/T6170-2000	M10 Screw Nut Kits	4
	⑥	GB923-88	M10 Cap Nut	1
	⑦	A301	Fixing Knob	3
	⑧	A321	Bolt	3
	⑨		M8 Expansion Screw	3

* Recommended Threaded Rod Diameter is 10mm and length is upon request.
Please state the required length on the PO.



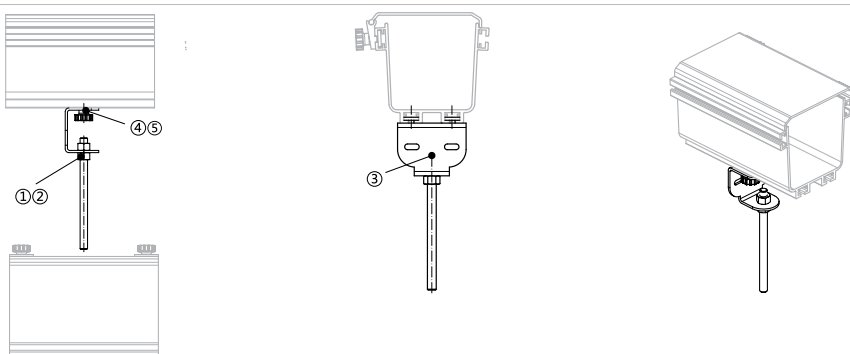
Trapeze Support



Installation Parts

	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
4" P/N: T225	①	A225	4" Trapeze bracket	1	6" P/N: T338	①	A338	6" Trapeze bracket	1
	②	PS10*	Threaded Rod	2		②	PS10*	Threaded Rod	2
	③	TJ021	Ejector Sleeve	2		③	TJ021	Ejector Sleeve	2
	④	A222	Supporting Bracket	2		④	A222	Supporting Bracket	2
	⑤	GB/T6170-2000	M10 Screw Nut Kits	8		⑤	GB/T6170-2000	M10 Screw Nut Kits	8
	⑥	A301	Fixing Knob	2		⑥	A301	Fixing Knob	2
	⑦	A321	Bolt	2		⑦	A321	Bolt	2
	⑧		M8 Expansion Screw	4		⑧		M8 Expansion Screw	4
10" P/N: T551	①	A551	10" Trapeze bracket	1	12" P/N: T440	①	A440	12" Trapeze bracket	1
	②	PS10*	Threaded Rod	2		②	PS10*	Threaded Rod	2
	③	TJ021	Ejector Sleeve	2		③	TJ021	Ejector Sleeve	2
	④	A222	Supporting Bracket	2		④	A222	Supporting Bracket	2
	⑤	GB/T6170-2000	M10 Screw Nut Kits	8		⑤	GB/T6170-2000	M10 Screw Nut Kits	8
	⑥	A301	Fixing Knob	3		⑥	A301	Fixing Knob	3
	⑦	A321	Bolt	3		⑦	A321	Bolt	3
	⑧		M8 Expansion Screw	4		⑧		M8 Expansion Screw	4

Top of Rack/Cabinet Support



Installation Parts

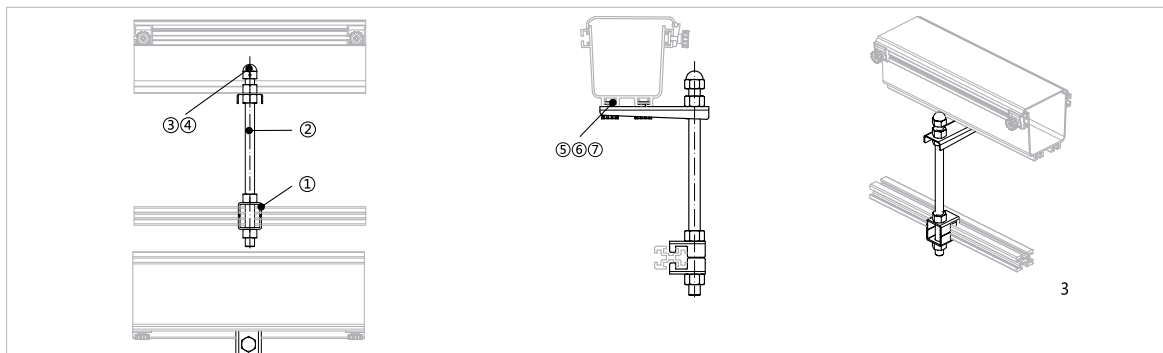
	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
4" P/N: T226	①	PS12*	Threaded Rod	1	6" P/N: T339	①	PS12*	Threaded Rod	1
	②	GB/T6170-2000	M12 Screw Nut Kits	2		②	GB/T6170-2000	M12 Screw Nut Kits	2
	③	A226	4" Center Support Bracket	1		③	A339	6" Center Support Bracket	1
	④	A301	Fixing Knob	2		④	A301	Fixing Knob	2
	⑤	A321	Bolt	2		⑤	A321	Bolt	2
10" P/N: T552	①	PS12*	Threaded Rod	1	12" P/N: T441	①	PS12*	Threaded Rod	1
	②	GB/T6170-2000	M12 Screw Nut Kits	2		②	GB/T6170-2000	M12 Screw Nut Kits	2
	③	A552	10" Center Support Bracket	1		③	A441	12" Center Support Bracket	1
	④	A301	Fixing Knob	3		④	A301	Fixing Knob	3
	⑤	A321	Bolt	3		⑤	A321	Bolt	3

* Recommended Threaded Rod Diameter is 10mm and length is upon request.
Please state the required length on the PO.

OPTICAL CABLE DUCT INSTALLATION/SUPPORTING SYSTEMS



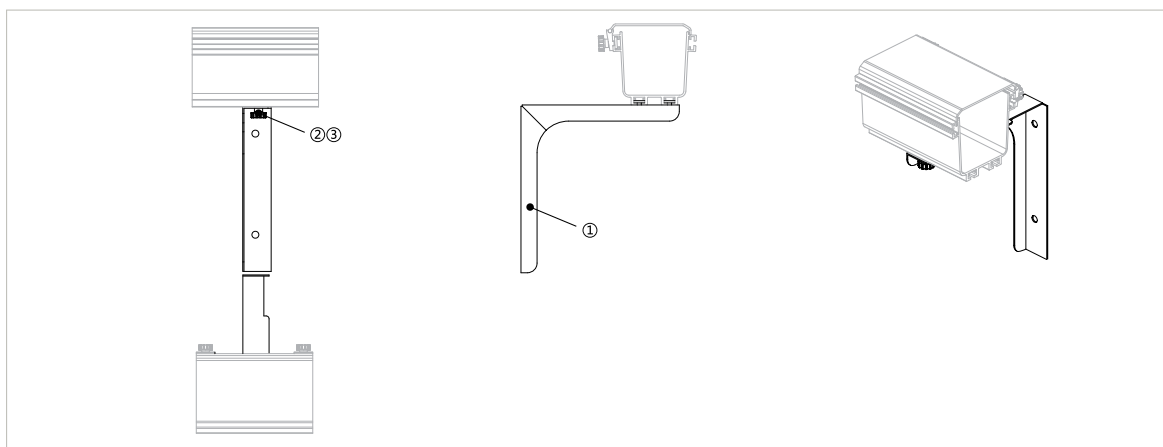
Auxiliary Framing support



Installation Parts

	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
4" P/N: T227	①	A342	Ladder Rack Bracket	2	6" P/N: T345	①	A342	Ladder Rack Bracket	2
	②	PS16*	Threaded rod	1		②	PS16*	Threaded rod	1
	③	GB/T6170-2000	M16 Screw Nut Kits	4		③	GB/T6170-2000	M16 Screw Nut Kits	4
	④	GB923-88	M16 Cap Nut	1		④	GB923-88	M16 Cap Nut	1
	⑤	A227	4" Supporting Bracket(2)	1		⑤	A345	6" Supporting Bracket(2)	1
	⑥	A301	Fixing Knob	2		⑥	A301	Fixing Knob	2
	⑦	A321	Bolt	2		⑦	A321	Bolt	2
10" P/N: T550	①	A342	Ladder Rack Bracket	2	12" P/N: T446	①	A342	Ladder Rack Bracket	2
	②	PS16*	Threaded rod	1		②	PS16*	Threaded rod	1
	③	GB/T6170-2000	M16 Screw Nut Kits	4		③	GB/T6170-2000	M16 Screw Nut Kits	4
	④	GB923-88	M16 Cap Nut	1		④	GB923-88	M16 Cap Nut	1
	⑤	A550	10" Supporting Bracket(2)	1		⑤	A446	12" Supporting Bracket(2)	1
	⑥	A301	Fixing Knob	3		⑥	A301	Fixing Knob	2
	⑦	A321	Bolt	3		⑦	A321	Bolt	2

Wall Support



Installation Parts

	Item	P/N	Part	Quantity		Item	P/N	Part	Quantity
4" P/N: T2240	①	T224	4" Side support bracket	1	6" P/N: T3370	①	T337	6" Side support bracket	1
	②	A301	Fixing Knob	2		②	A301	Fixing Knob	2
	③	A321	Bolt	2		③	A321	Bolt	2
10" P/N: T5530	①	T553	10" Side Support Bracket	1	12" P/N: T4420	①	T442	12" Side Support Bracket	1
	②	A301	Fixing Knob	3		②	A301	Fixing Knob	3
	③	A321	Bolt	3		③	A321	Bolt	3

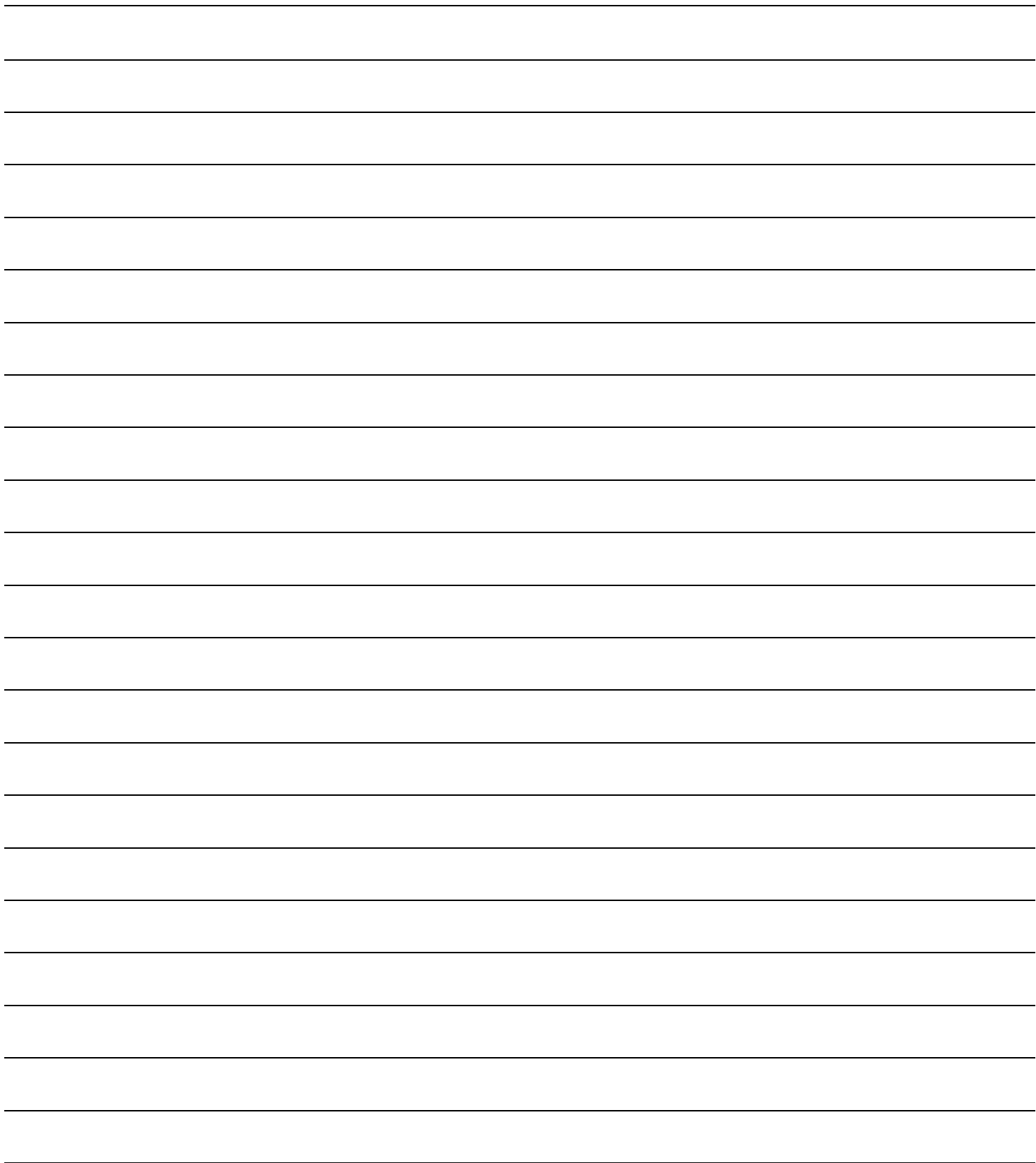
* Recommended Threaded Rod Diameter is 10mm and length is upon request.
Please state the required length on the PO.

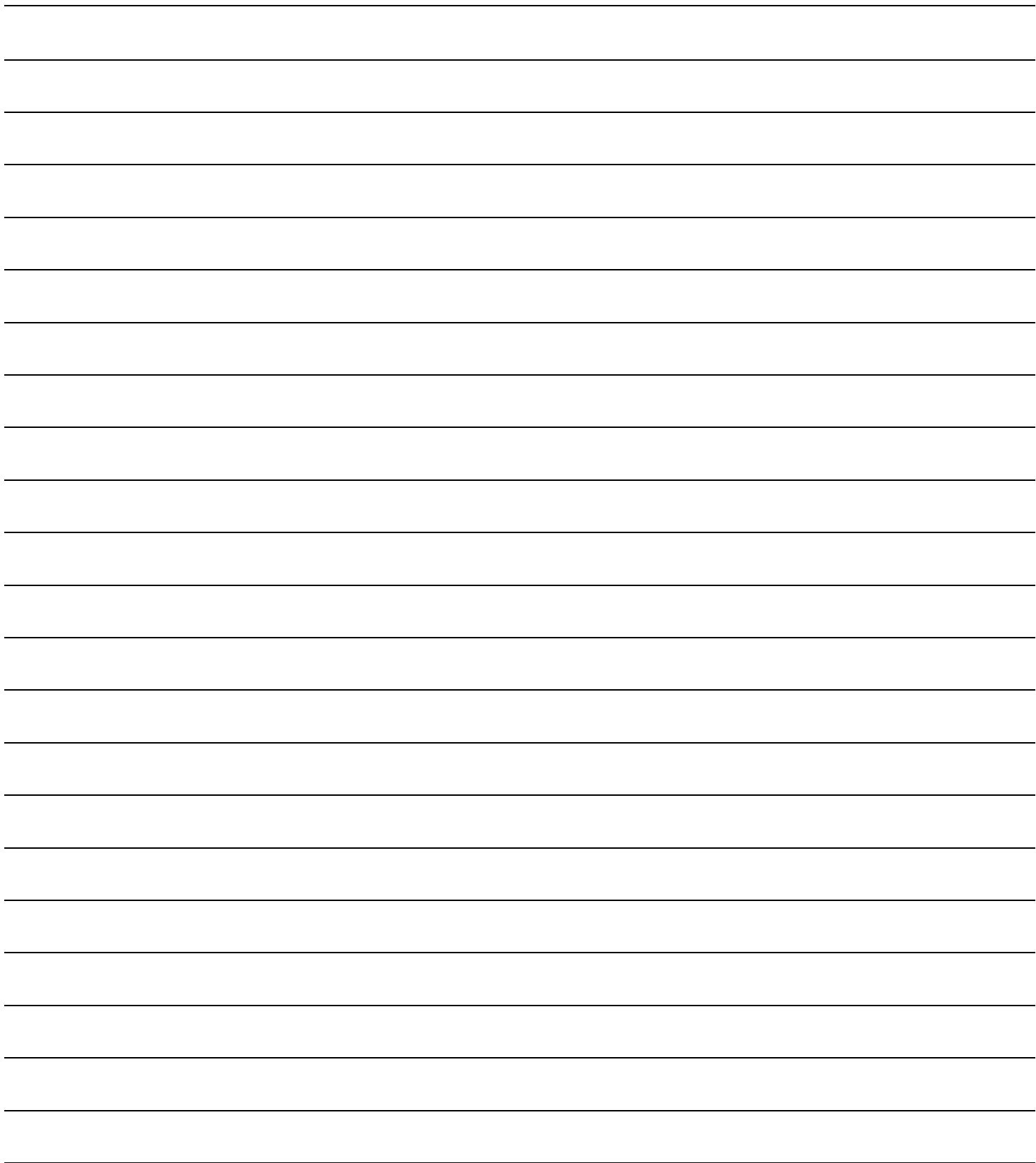


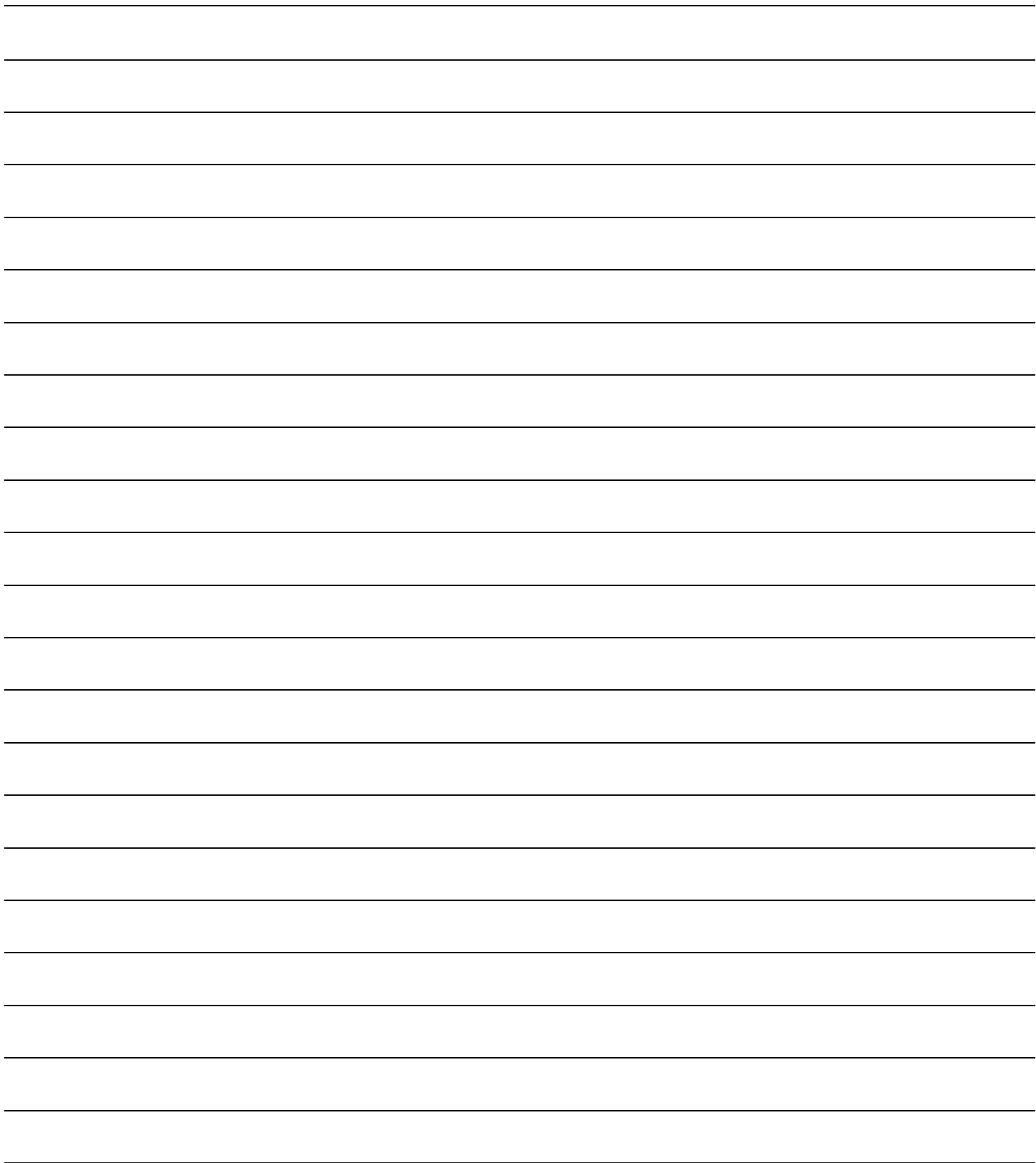
Part Number	Description	Page Number	Part Number	Description	Page Number
2"x 2" parts			4"x 10" parts		
A101	2" Straight Unit	6	A501	10" Straight Unit	14
A102	2" Straight Unit Cover	6	A503	10" Horizontal Cross	15
A104	2" 90° Horizontal Curve	6	A504	10" Horizontal T	14
A105	2" 90° Horizontal Curve Cover	6	A506	10" Horizontal Cross Cover	15
A106	2" Horizontal T	6	A507	10" Horizontal T Cover	14
A107	2" Horizontal T Cover	6	A510	10" Straight Unit Cover	14
A108	2" Coupler	6	A512	10" 90° Horizontal Curve Cover	14
A114	2" End Cap	6	A513	10" 90° Horizontal Curve	14
A115	2" 90° Up Curve	7	A522	10" End Cap	15
A116	2" 90° Up Curve Cover	7	A529	10" Special Part End Cap	15
A117	2" 90° Down Curve	7	T5021	10" Coupler Kit A	14
A118	2" 90° Down Curve Cover	7	T5022	10" Coupler Kit B	14
			T5022S	10" Coupler Kit S	14
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Tel. +39 0690405273

info@outline.company - www.outline.company

Via degli Olmetti, 39D - 00060 Formello (RM)