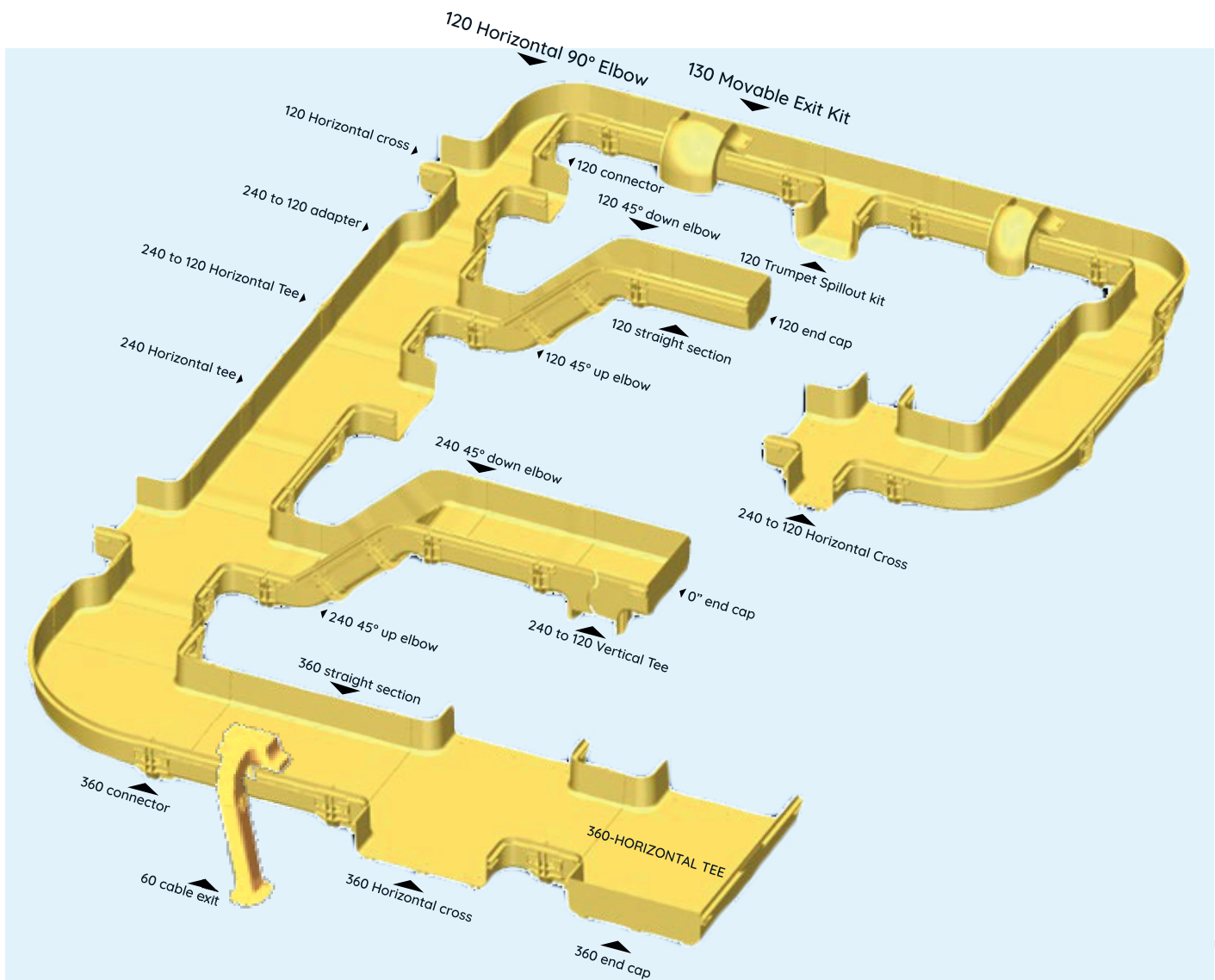


## Fiber management system

RitchField specializes in crafting Fiber Management Systems meticulously engineered to safeguard and seamlessly direct the flow of fiber optic cables and patch cords. This intricate system adeptly oversees the organization of cable assemblies as they traverse between network cabinets, ODFs, and assorted terminal devices. For fulfilling optical raceway prerequisites while maintaining an aesthetic appeal and facilitating straightforward maintenance, the employment of plastic optical cable trays emerges as the optimal choice.

A dual array of raw materials presents itself for selection: ABS, recognized for its eco-friendly nature and premium quality, and PVC, which offers a more budget-conscious alternative suitable for projects with stricter financial constraints.



Ritchfield's fibre management system can be mounted from walls, ladder racks, strut channels, on raised floor support brackets, on floors, or to the top of equipment racks or frames. Available sizes are 60\*60, 120\*100, 240\*100, 360\*100 and 600\*100.

## Why RitchField Raceway

Fiber optic cables bear a substantially higher capacity for services and data transfer compared to conventional copper counterparts. The potential repercussions of downtime or disruptions are considerably costly, with the potential to incur losses in the tens of thousands of dollars per second for each impaired cord. Ensuring robust fiber protection becomes an unequivocal imperative. Given the delicate nature of fiber cords, it's imperative to ensure their meticulous safeguarding throughout the entire cable installation journey.

Conventional practices involving the placement of cables on open cable trays and ladders can inadvertently lead to harm to the fragile fiber cables. These methodologies offer no inherent defense for the exposed fiber, leaving it susceptible to damage.

## Characteristics

To ensure the fiber cable reliability, it is essential to isolate them from any copper services and guide them through enclosed raceways. These raceways should be easily identifiable due to their vivid and unique coloring. Moreover, measures must be taken to shield the fiber cords from compression and maintain the minimum bend radius, typically set at 30mm, without any compromise.

The expenses related to labour for installing cabling infrastructure within telecommunications exchanges or data centers can escalate significantly if the chosen system lacks ease of installation.

To mitigate the potential hazards posed by fires, it is crucial that all plastic-based products employed possess self-extinguishing properties. This precautionary measure aims to prevent harm to personnel, transmission equipment, rescue teams, or structures in the event of a fire outbreak

Ensuring continuous operation is crucial when utilizing optical fiber. The chosen system should allow for seamless changes or expansions without requiring the removal of existing fiber or causing any shutdowns

All plastic based products should be RoHS compliant



# Recommended Density

Stacking height	Raceway Size	Diameter 1.6mm	Diameter 2.0mm	Diameter 3.0mm	Diameter 5.2mm	Diameter 6.1mm
<div><div></div><div>50%</div></div>	60mm x 60mm	650	450	570	60	40
	120mm x 100mm	2300	1450	650	200	135
	240mm x 100mm	4750	2900	1300	425	300
	360mm x 100mm	7000	4350	1950	650	460
	600mm x 100mm	11700	7500	3300	1100	760
<div><div></div><div>75%</div></div>	60mm x 60mm	975	675	300	90	60
	120mm x 100mm	3450	2175	975	300	200
	240mm x 100mm	6975	4350	1950	630	450
	360mm x 100mm	10500	6525	2925	975	690
	600mm x 100mm	17550	11250	4950	1650	1140
<div><div></div><div>100%</div></div>	60mm x 60mm	1300	900	400	120	80
	120mm x 100mm	4600	2900	1300	400	270
	240mm x 100mm	9300	5800	2600	850	600
	360mm x 100mm	14000	8700	3900	1300	920
	600mm x 100mm	23400	15000	6600	2200	1520



Flame Retardant



Anti-impat



Durable

## 60 Series Raceway

Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		H	W	L			
RF5-A100	60 Straight section	60	60	2000	64×64×2000	Yellow	PVC
RF5-8211	60 Straight section cover	60	—	—	64×7.5×2000	Yellow	PVC

- Used to carry the cables horizontally throughout the system. Accepts cover and fittings.

## 60 Series Raceway

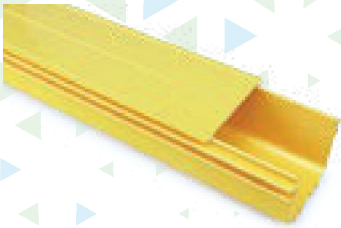
Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		H	W	L			
RF5-A111	60 Straight section	60	60	2000	64×64×2000	Yellow	PVC
RF5-8111	60 Straight section cover	60	—	—	64×7.5×2000	Yellow	PVC

- Suits for cable management inside cabinets and vertically at both side of open frame racks.

Structured Cabling Solution

RF5- 06

## 120 Series Raceway



Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		H	W	L			
RF5-A300	120 Straight section	120	100	2000	158×118×2000	Yellow	PVC
RF5-8311	60 Straight section cover	120	-	-	155×12×2000	Yellow	PVC

- Used to carry the cables horizontally throughout the system. Accepts cover and fittings.

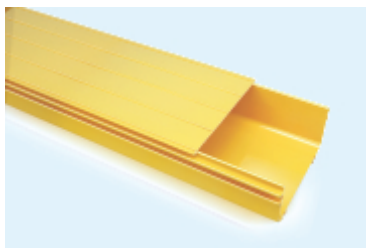
## 150 Series Raceway



Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		H	W	L			
RF5-A400	150 Straight section	150	100	2000	180×102×2000	Yellow	PVC
RF5-8411	150 Straight section cover	150	-	-	165.5×8×2000	Yellow	PVC

- Used to carry the cables horizontally throughout the system. Accepts cover and fittings.

## 240 Series Raceway



Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		H	W	L			
RF5-A600	240 Straight section	240	100	2000	278×118×2000	Yellow	PVC
RF5-8611	240 Straight section cover	240	-	-	274×12×2000	Yellow	PVC

- Used to carry the cables horizontally throughout the system. Accepts cover and fittings.

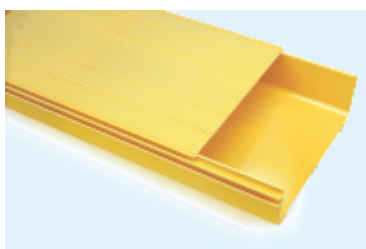
## 300 Series Raceway



Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		H	W	L			
RF5-A700	300 Straight section	300	100	2000	329×113×2000	Yellow	PVC
RF5-8711	300 Straight section cover	300	-	-	274×12×2000	Yellow	PVC

- Used to carry the cables horizontally throughout the system. Accepts cover and fittings.

## 360 Series Raceway



Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		H	W	L			
RF5-A800	360 Straight section	360	100	2000	396×118×2000	Yellow	PVC
RF5-8811	360 Straight section cover	360	-	-	389×12×2000	Yellow	PVC

- Used to carry the cables horizontally throughout the system. Accepts cover and fittings.

## 600 Series Raceway



Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		H	W	L			
RF5-A900	600 Straight section	600	100	2000	636×118×2000	Yellow	PVC
RF5-8911	600 Straight section cover	600	-	-	634×12.5×2000	Yellow	PVC

- Used to carry the cables horizontally throughout the system. Accepts cover and fittings.

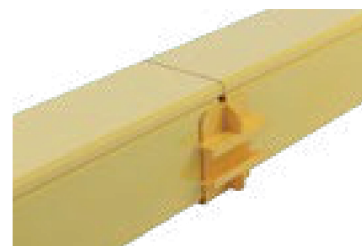
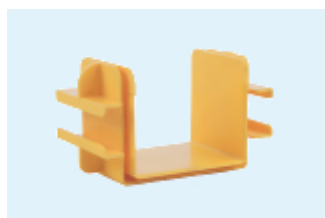


# Fiber management system (60 x 60)

## Order Information

No.	Description	Item No.	Page	Drawing on page
1	60mm Connector A type	RF5-11A0	RF5-08	RF5-11
2	60mm Horizontal 90° Elbow	RF5-1190	RF5-08	RF5-11
3	60mm 90° Up Elbow	RF5-11S0	RF5-09	RF5-11
4	60mm 90° Down Elbow	RF5-11X0	RF5-09	RF5-11
5	60mm Horizontal Tee	RF5-1120	RF5-09	RF5-11
6	60mm Horizontal Cross	RF5-1130	RF5-10	RF5-11
7	60mm Vretical Tee	RF5-1140	RF5-10	RF5-12
8	60mm End Cap Kit	RF5-11G0	RF5-10	RF5-12

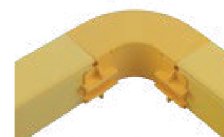
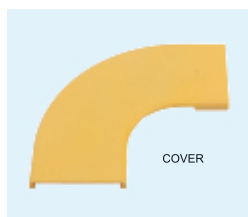
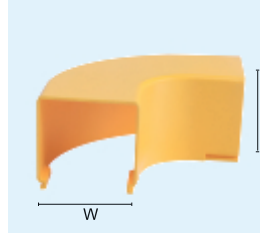
## 60mm CONNECTOR A TYPE



Item No.	Spec (mm)		Overall (mm)	Color	Material
	W	H			
RF5-11A0	60	60	90x50x54	Yellow	PVC/ABS

- Quickly joins two sections of channel and/or fittings.
- No screws are needed for normal installation
- Flame retardant: UL94-V0
- Drawing on page RF5-11

## 60mm HORIZONTAL 90° ELBOW

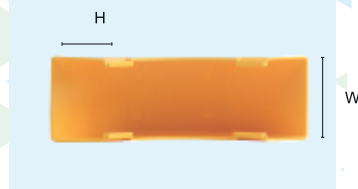


Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1190	60mm Horizontal 90° elbow	60	60	90x50x54	Yellow	PVC/ABS
RF5-8192	60mm Horizontal 90° elbow cover	60	60	90x50x54	Yellow	PVC/ABS

- Attaches to 60mmx60mm channel and/or fittings to create a 90° horizontal elbow from a straight horizontal run.
- 2 Connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-11



## 60mm 90° UP ELBOW



COVER



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-11S0	60mm 90° Up Elbow	60	60	140×64×140	Yellow	PVC/ABS
RF5-8193	60mm 90° Up Elbow cover	60	-	85×64×85	Yellow	PVC/ABS

- Attaches to 60mmx60mm channel and/or fitting to create a 90° upward angle from a straight horizontal run.
- Used with 90° down elbow to change level of a horizontal run.  
2 Connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-11

## 60mm 90° DOWN ELBOW



COVER



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-11X0	60mm 90° Down Elbow	60	60	134×134×61	Yellow	PVC/ABS
RF5-8194	60mm 90° Down Elbow cover	60	-	143×64×143	Yellow	PVC/ABS

- Attaches to 60mmx60mm channel and/or fitting to create a 90° downward angle from a straight horizontal run. Used with 90° up elbow to change level of a horizontal run.
- 2 Connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-11

## 60mm HORIZONTAL TEE

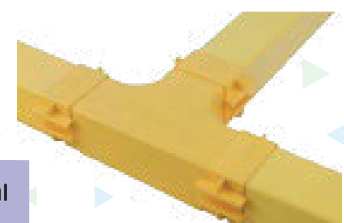


H

W



COVER



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1120	60mm Horizontal tee	60	60	201×134×61	Yellow	PVC/ABS
RF5-8132	60mm Horizontal tee cover	60	-	204×134×7.5	Yellow	PVC/ABS

- Attaches to 60mmx60mm channel and/or fittings to create a 90° horizontal branch from a straight horizontal run.
- 3 Connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-11

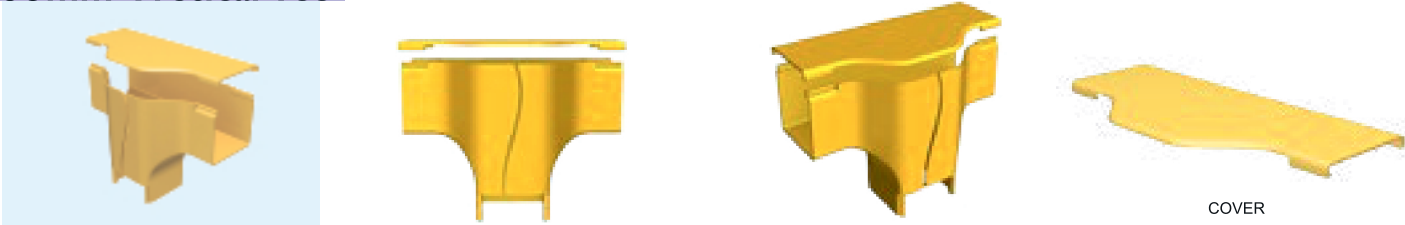
60mm HORIZONTAL CROSS



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1130	60mm Horizontal cross	60	60	201×201×61	Yellow	PVC/ABS
RF5-8142	60mm Horizontal cross cover	60	—	205×205×7.5	Yellow	PVC/ABS

- Attaches to 60mmx60mm channel and/or fittings to create a horizontal four way cross intersection with two 60mmx60mm exits.
- 4 Connectors are needed for installation
- Flame retardantUL94-V0
- Drawing on page RF5-11

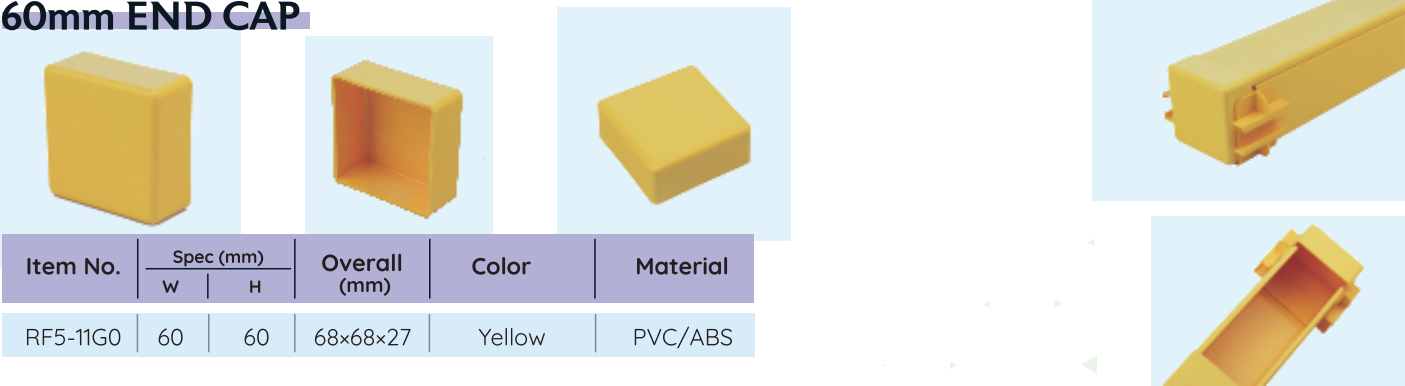
60mm Vretical Tee



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1140	60mm Vretical tee	60	60	68×68×27	Yellow	PVC/ABS
RF5-8136	60mm Vretical Tee cover	60	—	204×93.5×7.5	Yellow	PVC/ABS

- Used for closing off open ends of the channel or fittings.
- Flame retardant: UL94-V0
- Drawing on page RF5-12

60mm END CAP



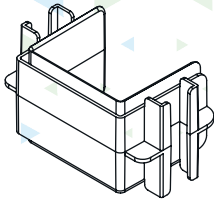
Item No.	Spec (mm)		Overall (mm)	Color	Material
	W	H			
RF5-11G0	60	60	68×68×27	Yellow	PVC/ABS

- Used for closing off open ends of the channel or fittings.
- Flame retardant: UL94-V0
- Drawing on page RF5-12

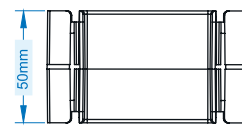
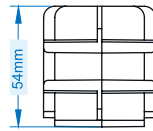
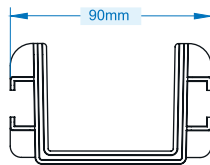


## 60 Series Raceway Drawings

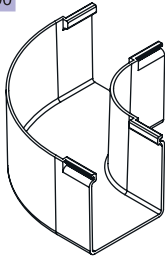
RF5-11A0



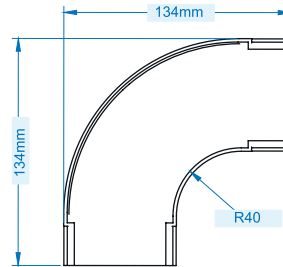
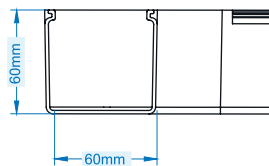
60mm TYPE A CONNECTOR



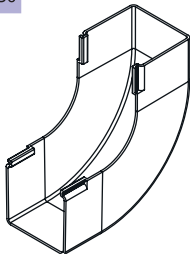
RF5-1190



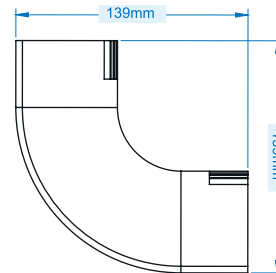
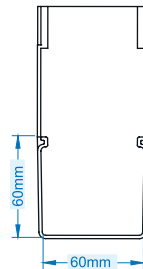
60mm HORIZONTAL 90° ELBOW



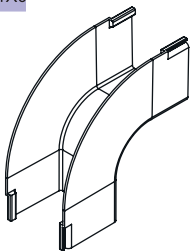
RF5-11S0



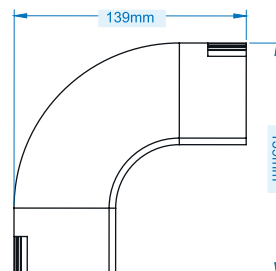
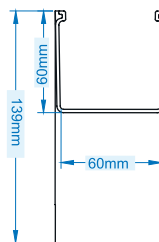
60mm 90° UP ELBOW



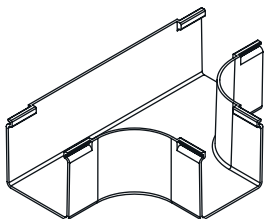
RF5-11X0



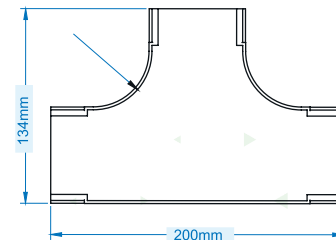
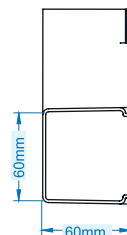
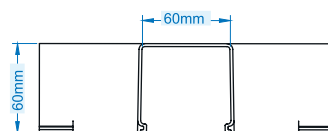
60mm 90° DOWN ELBOW



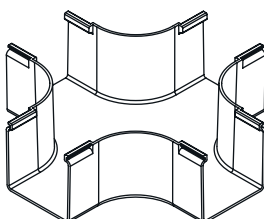
RF5-1120



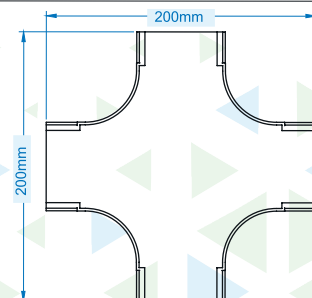
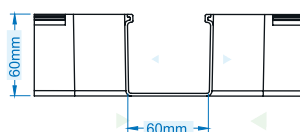
60mm HORIZONTAL TEE



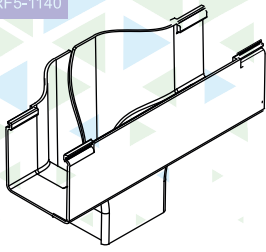
RF5-1130



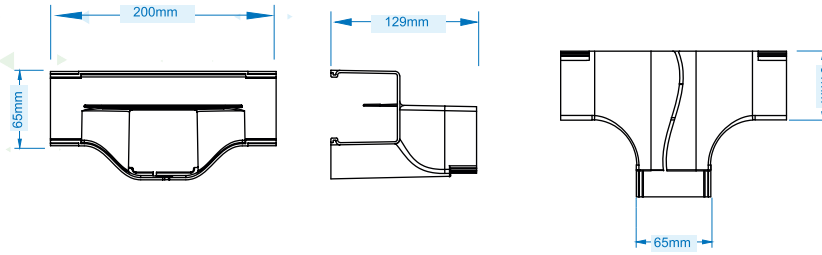
60mm HORIZONTAL CROSS



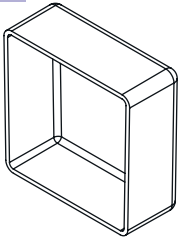
RF5-1140



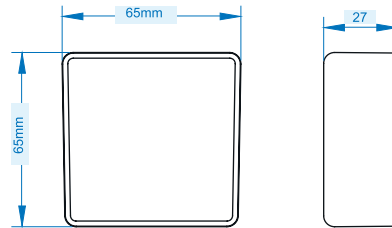
60mm Vertical Tee



RF6-11G0



60mm END CAP



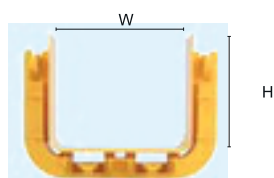
End of Drawing

# Fiber management system (120 x 100)

## Order Information

No.	Description	Item No.	Page	Drawing on page
1	120mm TYPE B CONNECTOR KIT	RF5-232	RF5-13	RF5-17
2	120mm HORIZONTAL 90° ELBOW	RF5-1390	RF5-13	RF5-17
3	120mm HORIZONTAL 45° ELBOW(CONNECTOR FREE)	RF5-23F	RF5-14	RF5-17
4	120mm 45° UP ELBOW	RF5-13F0	RF5-14	RF5-17
5	120mm 45° DOWN ELBOW	RF5-1380	RF5-14	RF5-17
6	120mm HORIZONTAL TEE	RF5-1320	RF5-15	RF5-18
7	120mm CUTTING IN TEE	RF5-23E	RF5-15	RF5-18
8	120mm VERTICAL TEE	RF5-1340	RF5-16	RF5-18
9	120mm HORIZONTAL CROSS	RF5-1330	RF5-16	RF5-18
10	120mm END CAP KIT	RF5-23A	RF5-16	RF5-18

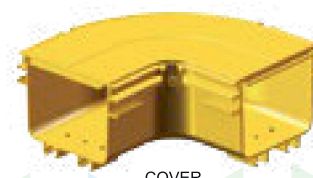
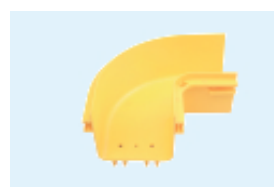
### 120mm TYPE B CONNECTOR KIT



Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-232	120	100	169×84×122	Yellow	PVC/ABS

- Quickly joins two sections of channel and/or fittings. Tighten and release bolts by fingers, absolutely toolless
- Accessories: 8 piece of round head screws (RF5-T5B4 P55)
- Flame retardant: UL94-V0
- Drawing on page RF5-17

### 120mm HORIZONTAL 90° ELBOW

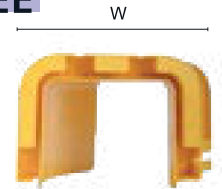
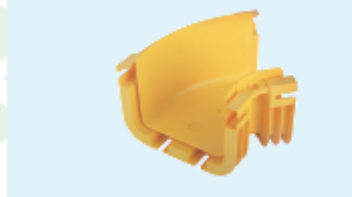


Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1390	120mm Horizontal 90° elbow	120	100	258×258×118	Yellow	PVC/ABS
RF5-8392	120mm Horizontal 90° elbow cover	120		262×262×36	Yellow	PVC/ABS

- Attaches to 120mmx100mm channel and/or fittings to create a 90° horizontal elbow from a straight horizontal run.
- 2 Connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-17



## 120mm HORIZONTAL 45° ELBOW CONNECTOR FREE



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-23F	120mm Horizontal 45° elbow connector free	120	100	196×193×121	Yellow	PVC/ABS
RF5-8351	120mm Horizontal 45° elbow connector free cover	120	—	201×195×38	Yellow	PVC/ABS

- Attaches to 120mmx100mm channel and/or fittings to create a 45° horizontal elbow from a straight horizontal run.
- Installation needs T shape screw(RF5-T5B4 P55)and twist head nut each 8 piece (RF5-T338 P55)
- Flame retardant: UL94-V0
- Drawing on page RF5-17

## 120mm 45° UP ELBOW

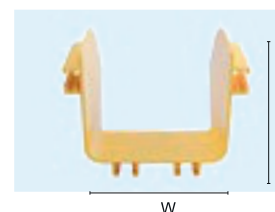


COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-13F0	120mm 45° Up elbow	120	100	210×155×167	Yellow	PVC/ABS
RF5-8352	120mm 45° Up elbow cover	120	—	143×166×95	Yellow	Metal

- Attaches to 120mmx100mm channel and/or fitting to create a 45 ° upward angle from a straight horizontal run.
- Used with 45° down elbow to change level of a horizontal run.
- 2 Connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-17

## 120mm 45° DOWN ELBOW

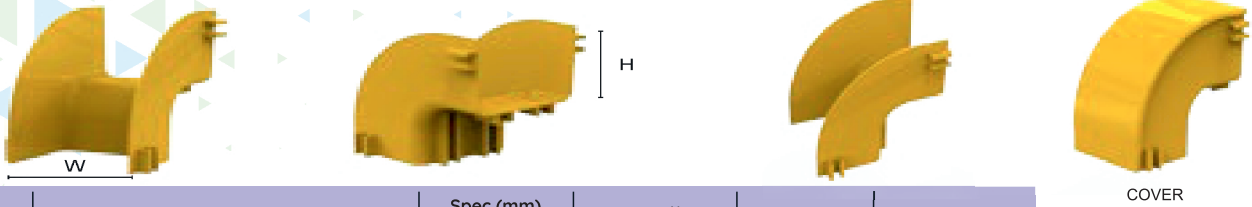


COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1380	120mm 45° Down elbow	120	100	187×157×162	Yellow	PVC/ABS
RF5-8353	120mm 45° Down elbow cover	120	—	199×166×100	Yellow	Metal

- Attaches to 120mmx100mm channel and/or fitting to create a 45° downward angle from a straight horizontal run. Used with 45° up elbow to change level of a horizontal run.
- 2 Connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-17

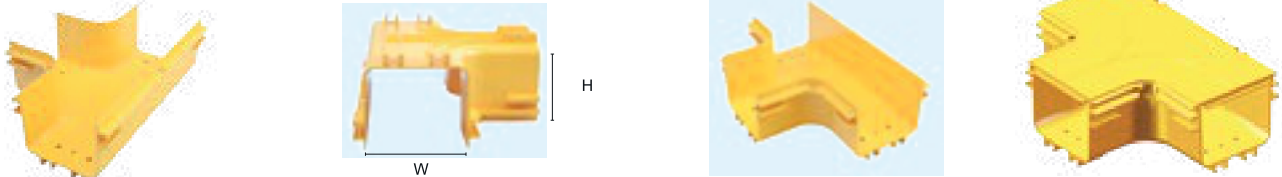
## 120mm 90° DOWN ELBOW



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-13K0	120mm 90° Down elbow	120	100	157×197×194	Yellow	PVC/ABS
RF5-8396	120mm 90° Down elbow cover	120	—	142×200×197	Yellow	PVC/ABS

- Attaches to 120mmx100mm channel and/or fitting to create a 90° downward angle from a straight horizontal run. Used with 90° up elbow to change level of a horizontal run.
- 2 Connectors are needed for installation.
- Flame retardant: UL94-V0
- Drawing on page RF5-18

## 120mm HORIZONTAL TEE



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1320	120mm Horizontal tee	120	100	356×256×118	Yellow	PVC/ABS
RF5-8332	120mm Horizontal tee cover	120	—	360×262×36	Yellow	PVC/ABS

- Attaches to 120mmx100mm channel and/or fittings to creat a 90 ° horizontal branch from a straight horizontal run.
- 3 Connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-18

## 120mm CUTTING IN TEE

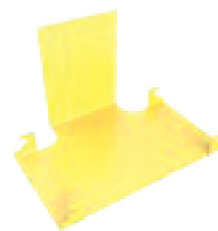
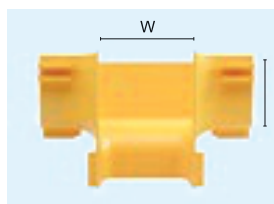


Item No.	Name	Spec(mm)		Overall (mm)	Color	Material
		W	H			
RF5-L23E	120mm Cutting in tee	120	100	233×132×116	Yellow	PVC/ABS
RF5-8344	120mm Cutting in tee cover	120			Yellow	Metal

- Attaches to 120mmx100mm channel to creat a 90 ° horizontal lbow from anywhere of a straight horizontal run.
- 1 connectors are needed for installation□ Installation needs T shape screw (RF5-T5B4 P55) and Twist nut each 2piece
- Flame retardant: UL94-V0
- Drawing on page RF5-18



## 120mm VERTICAL TEE

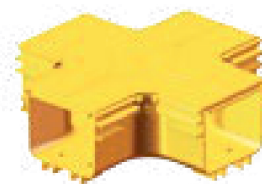
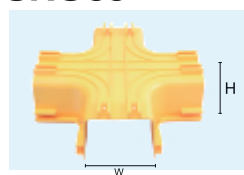


COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1340	120mm Vertical tee	120	100	300x199x180	Yellow	PVC/ABS
RF5 8337	120mm Vertical tee cover	120	—		Yellow	Metal

- Attaches to 120mmx100mm channel and/or fittings to create a 120mmx100mm 90 ° vertical drop from a horizontal run.
- 3 connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-18

## 120mm HORIZONTAL CROSS



COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1330	120mm Horizontal cross	120	100	356x356x118	Yellow	PVC/ABS
RF5-8344	120mm Horizontal cross cover	120	—	360x360x36	Yellow	PVC/ABS

- Attaches to 120mmx100mm channel and/or fittings to create a horizontal four way cross intersection with two 120mmx100mm exits.
- 4 connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-18

## 120mm END CAP KIT

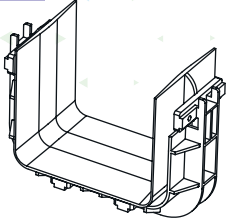


Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-L23A	120	100	150x25x116	Yellow	PVC/ABS

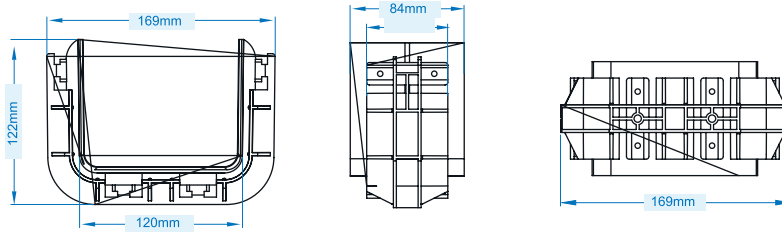
- Used for closing off open ends of the channel or fittings
- Installation needs T shape screw RF5-T5B4 P55 and Twist nut each 4 piece
- Flame retardant: UL94-V0
- Drawing on page RF5-18

# 120 Series Raceway Drawings

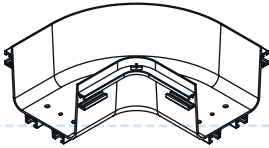
RF5-L232



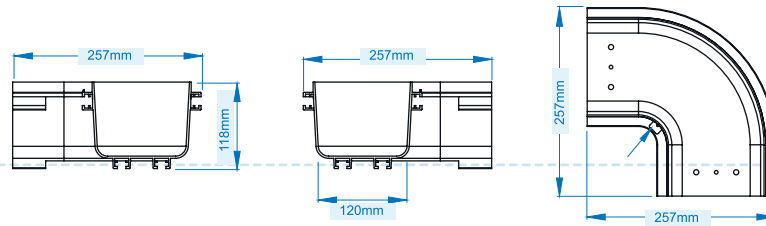
120mm TYPE BCONNECTOR A KIT



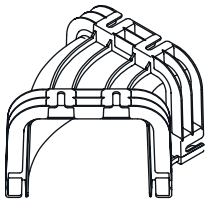
RF5-1390



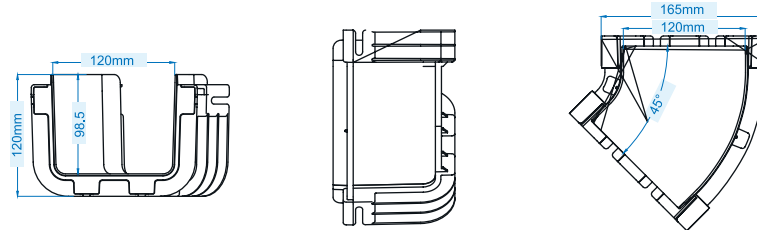
120mm HORIZONTAL 90° ELBOW



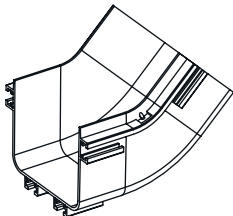
RF5-L23F



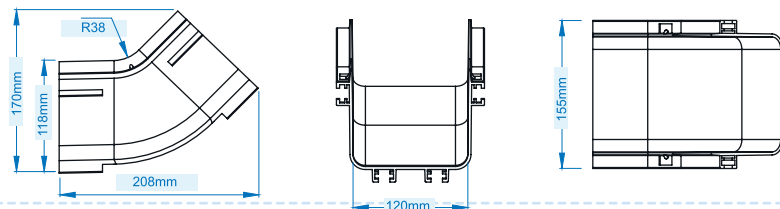
120mm HORIZONTAL 45° ELBOW  
CONNECTOR FREE



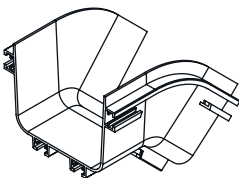
RF5-13F0



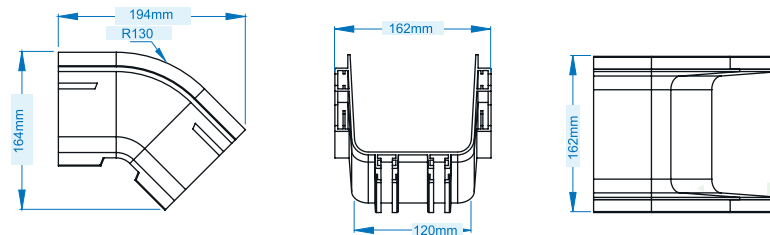
120mm 45° UP ELBOW



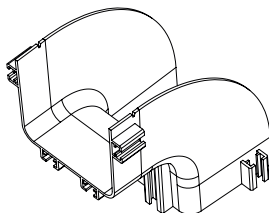
RF5-1380



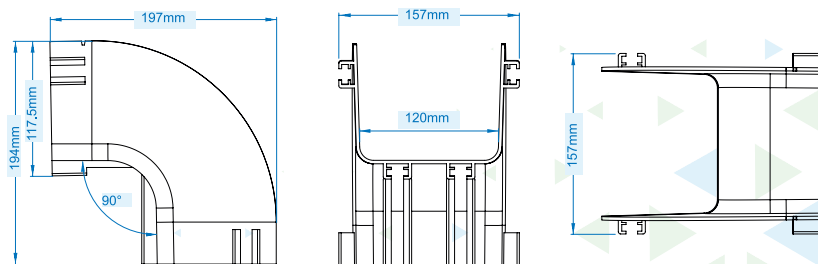
120mm 45° DOWN ELBOW



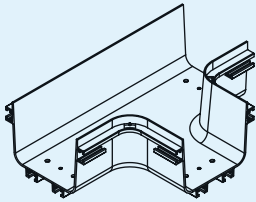
RF5-13K0



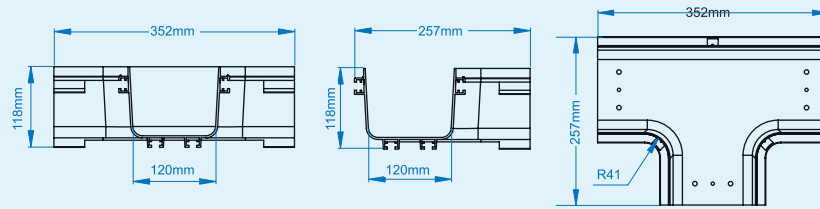
120mm 90° DOWN ELBOW



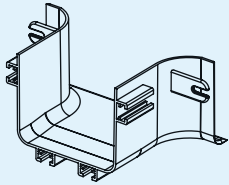
RF5-1320



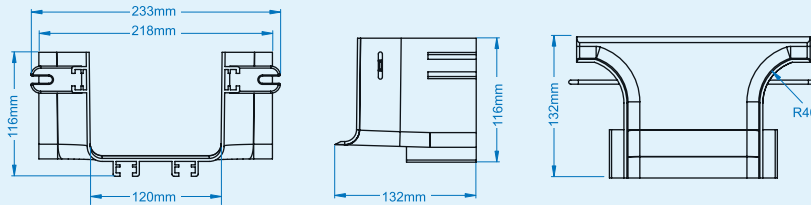
120mm HORIZONTAL TEE



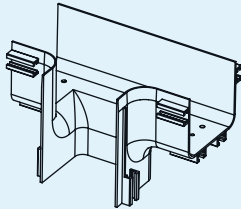
RF523E



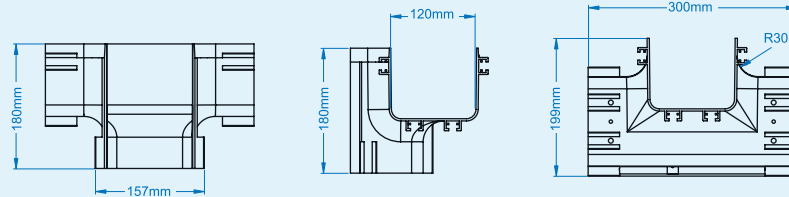
120mm CUTTING IN TEE



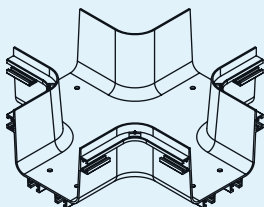
RF5-1340



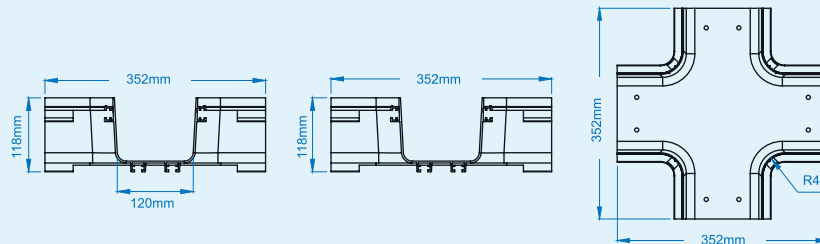
120mm VERTICAL TEE



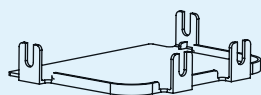
RF5-1330



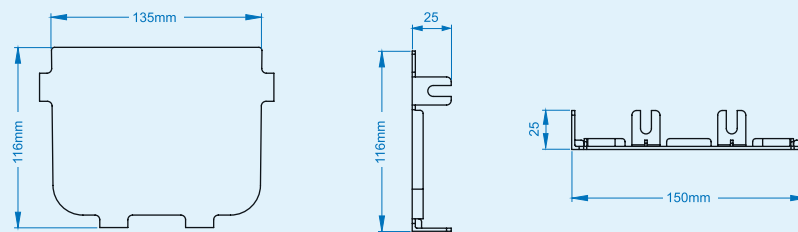
120mm HORIZONTAL CROSS



RF5-23A



120mm END CAP KIT



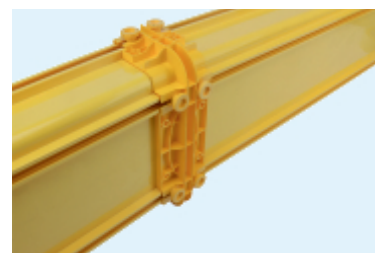
End of Drawing

# Fiber management system (240 x 100)

## Order Information

No.	Description	Item No.	Page	Drawing on page
1	240mm TYPE B CONNECTOR A KIT	RF5-262	RF-19	RF-23
2	240mm HORIZONTAL 90° ELBOW	RF5-1690	RF-19	RF-23
3	240mm HORIZONTAL 45 ° ELBOW (CONNECTOR FREE)	RF5-26F	RF-20	RF-23
4	240mm 45° UP ELBOW	RF5-16F0	RF-20	RF-23
5	120mm 45° DOWN ELBOW	RF5-1680	RF-20	RF-23
6	240mm HORIZONTAL TEE	RF5-1620	RF-21	RF-23
7	240mm CUTTING IN TEE	RF5-26E	RF-21	RF-24
8	240mm VERTICAL TEE	RF5-6340	RF-21	RF-24
9	240mm HORIZONTAL CROSS	RF5-1630	RF-21	RF-24
10	240mm END CAP KIT	RF5-26A	RF-21	RF-24

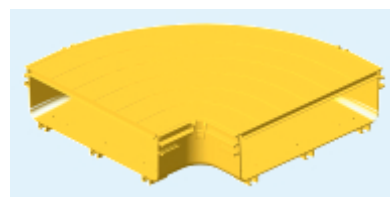
### 240mm TYPE B CONNECTOR KIT



Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-262	240	100	289×84×122	Yellow	PVC/ABS

- Quickly joins two sections of channel and/or fittings. Tighten and release bolts by fingers, absolutely toolless.
- Accessories: 8 Piece of round head screws
- Flame retardant: UL94-V0
- Drawing on page RF5-23

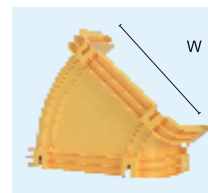
### 240mm HORIZONTAL 90° ELBOW



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1690	240mm Horizontal 90° elbow	240	100	277×377×119	Yellow	PVC/ABS
RF5-8692	240mm Horizontal 90° elbow cover	240		310×310×17.5	Yellow	PVC/ABS

- Attaches to 240mmx100mm channel and/or fittings to creat a 90 ° horizontal elbow from a straight horizontal run.
- 2 connectors are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-23

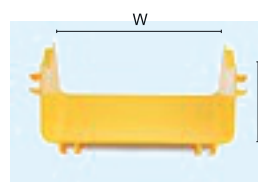
## 240mm HORIZONTAL 45° ELBOW CONNECTOR FREE



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-26F	240mm Horizontal 45° elbow connector free	240	100	319.5×287×121	Yellow	PVC/ABS
RF5-8651	240mm Horizontal 45° elbow connector free cover	240	—	290×325×40	Yellow	Metal

- Attaches to 240mmx100mm channel and/or fittings to create a 45 ° horizontal elbow from a straight horizontal run.
- Installation needs plastic round head screw (RF5-T5B4 P55) and square nut each 8 piece (RF5-T338 P55)
- Flame retardant: UL94-V0
- Drawing on page RF5-23

## 240mm 45° UP ELBOW

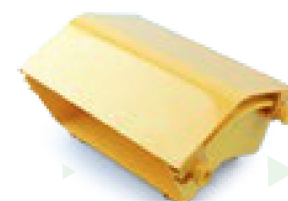
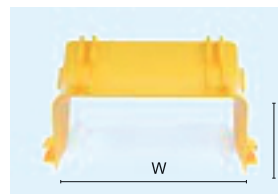


COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-16F0	240mm 45° Up elbow	240	100	275×210×167	Yellow	PVC/ABS
RF5-8652	240mm 45° Up elbow cover	240	—	286×143×95	Yellow	Metal

- Attaches to 240mmx100mm channel and/or fitting to create a 45 ° upward angle from a straight horizontal run. Used with 45° down elbow to change level of a horizontal run.
- 2 Piece of 240mm connector B kit are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-23

## 240mm 45° DOWN ELBOW



COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1680	240mm 45° Down elbow	240	100	277×187×161.5	Yellow	PVC/ABS
RF5-8653	240mm 45° Down elbow cover	240	—	286×199×100	Yellow	Metal

- Attaches to 240mmx100mm channel and/or fitting to create a 45 ° downward angle from a straight horizontal run. Used with 45° up elbow to change level of a horizontal run.
- 2 Piece of 240mm connector B kit are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-23



## 240mm HORIZONTAL TEE



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1620	240mm Horizontal tee	240	100	276×376.5×119	Yellow	PVC/ABS
RF5-8632	240mm Horizontal tee cover	240	—	480×381×37	Yellow	PVC/ABS

- Attaches to 240mmx100mm channel and/or fittings to create a 90 ° horizontal branch from a straight horizontal run.
- 3 Piece of 240mm connector B kit are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-23

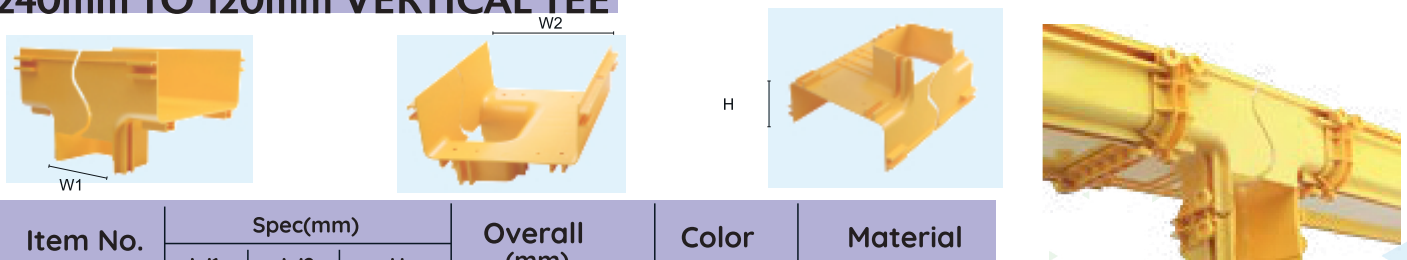
## 240mm CUTTING IN TEE



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-26E	240mm Cutting in tee	240	100	353×132×116	Yellow	PVC/ABS
RF5-8334	240mm Cutting in tee cover	240	—		Yellow	Metal

- Attaches to 240mmx100mm channel to create a 90° horizontal elbow from anywhere of a straight horizontal run.
- Installation needs 1 piece of 240 connector B kit, 8 piece of plastic round head screws (RF5-T5B4 P55), T shape screw and twist head nut each 2 piece
- Flame retardant: UL94-V0
- Drawing on page RF5-23

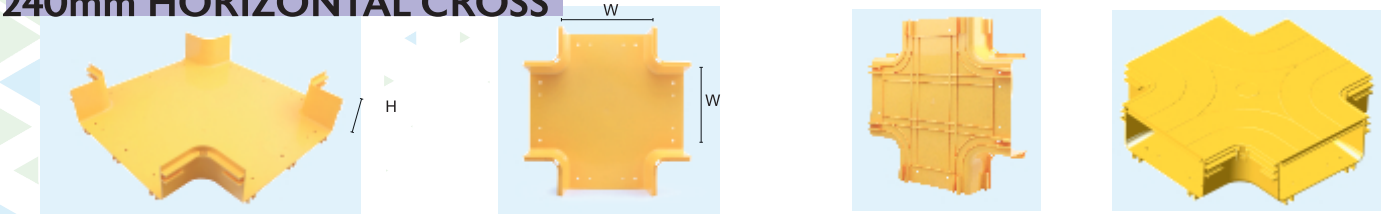
## 240mm TO 120mm VERTICAL TEE



Item No.	Spec(mm)			Overall (mm)	Color	Material
	W1	W2	H			
RF5-6340	240	120	100	300×277×190	Yellow	PVC/ABS

- Attaches to 240mmx100mm channel and/or fittings to create a 120mmx100mm 90 ° vertical drop from a horizontal run.
- 2 Piece of 240mm connector B kit are needed for installation
- Flame retardant: UL94-V0
- Drawing on page RF5-24

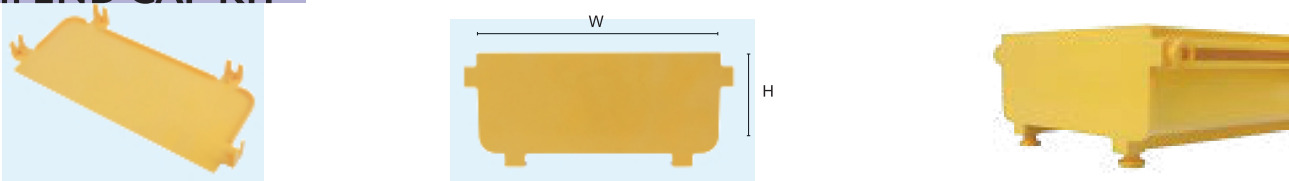
240mm HORIZONTAL CROSS



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1630	240mm Horizontal cross	240	100	476×476×119	Yellow	PVC/ABS
RF5-8644	240mm Horizontal cross cover	240	—	480×480×37	Yellow	PVC/ABS

- Attaches to 240mmx100mm channel and/or fittings to create a horizontal four way cross intersection with two 240mmx100mm exits.
- Installation needs 4 piece of 240mm connector B kit
- Flame retardant:UL94-V0
- Drawing on page RF5-24

240mm END CAP KIT

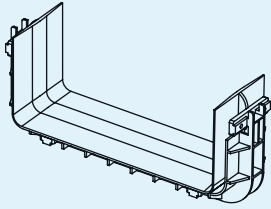


Item No.	Spec(mm)		Overall (mm)	Color	Material
	W1	H			
RF5-026A	240	25	270×25×115.5	Yellow	PVC/ABS

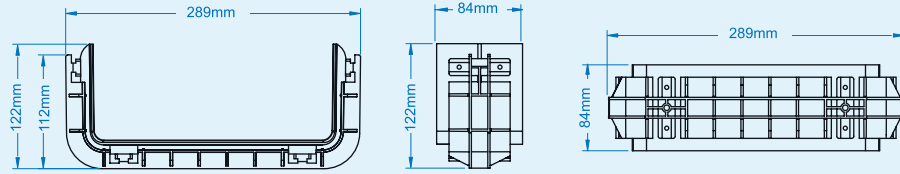
- Used for closing off open ends of the channel or fittings.
- Installation needs T shape screw and twist head nut each 4 piece
- Flame retardant: UL94-V0
- Drawing on page RF5-24

## 240 Series Raceway Drawings

RF5-262

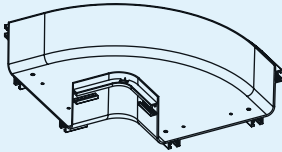


240mm TYPE BCONNECTOR KIT

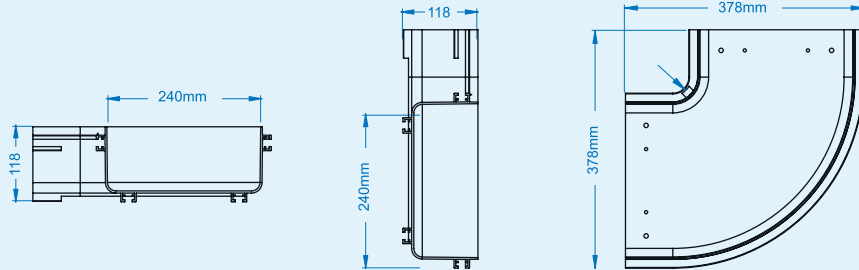


R41

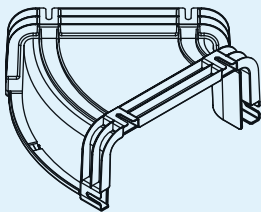
RF5-1690



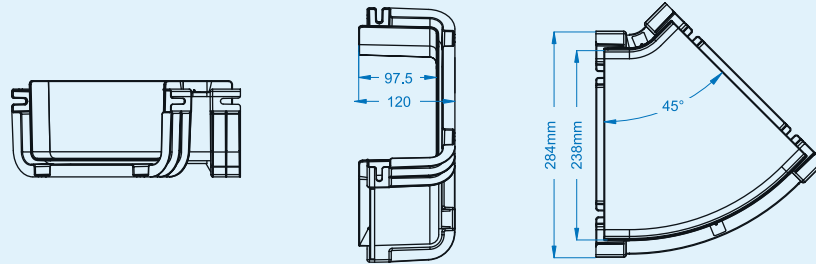
240mm HORIZONTAL 90° ELBOW



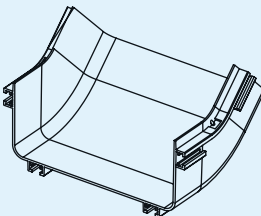
RF5-26F



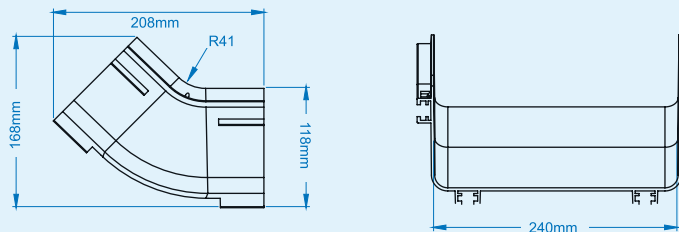
240mm HORIZONTAL 45° ELBOW  
FREECONNECTOR A KIT



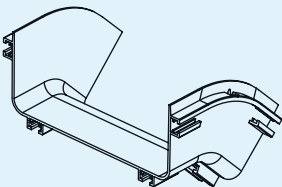
RF5-16F0



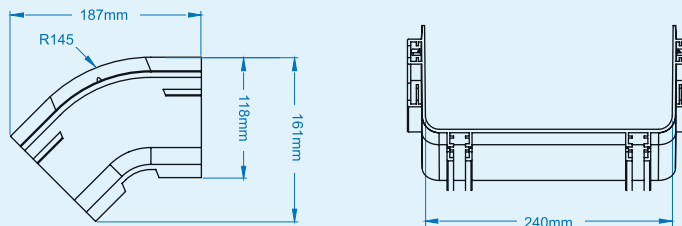
240mm 45° UP ELBOW



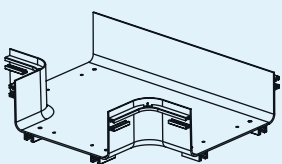
RF5-1680



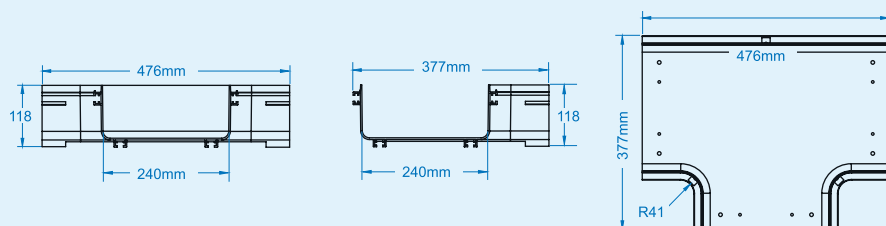
240mm 45° DOWN ELBOW



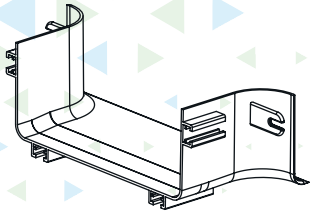
RF5-1620



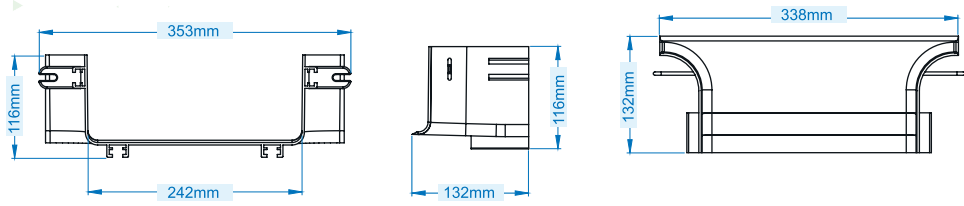
240mm HORIZONTAL TEE



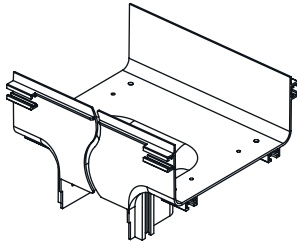
RF5-26E



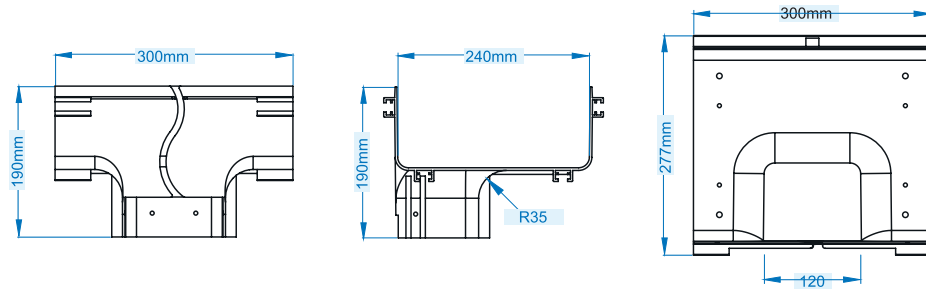
240mm CUTTING IN TEE



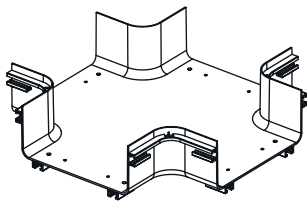
RF-6340



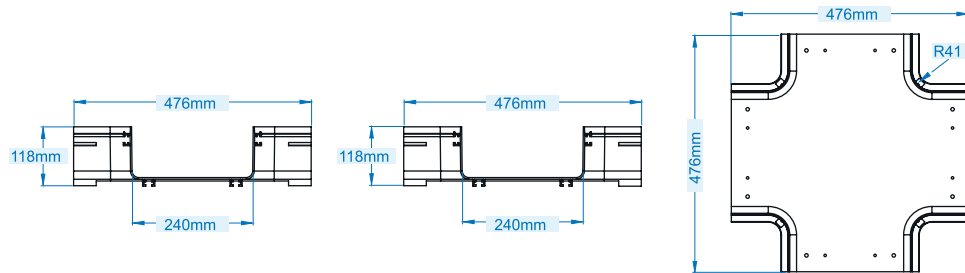
240mm TO 120mm VERTICAL TEE



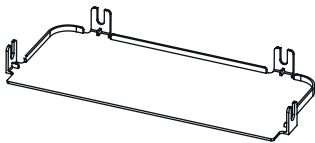
RF5-1630



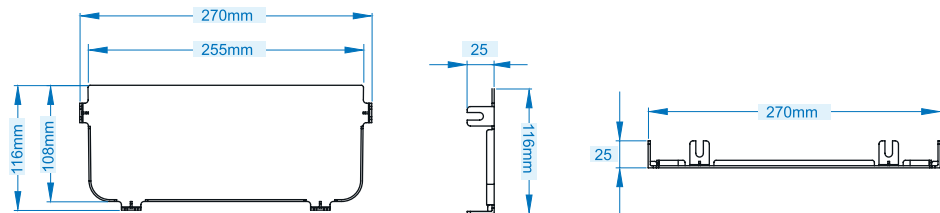
240mm HORIZONTAL CROSS



RF526A



240mm END CAP KIT



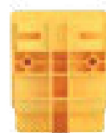
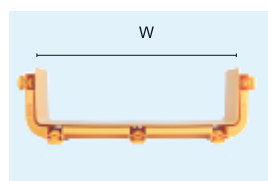
End of Drawing

# Fiber management system (360 x 100)

## Order Information

No.	Description	Item No.	Page	Drawing on page
1	360mm TYPE A CONNECTOR KIT	RF5-281	RF-25	RF-28
2	360mm HORIZONTAL 90° ELBOW	RF5-1890	RF-25	RF-28
3	360mm 45° UP ELBOW	RF5-18F0	RF-26	RF-28
4	360mm 45° DOWN ELBOW	RF5-1880	RF-26	RF-28
5	360mm HORIZONTAL TEE	RF5-1820	RF-26	RF-28
6	360mm HORIZONTAL CROSS	RF5-1830	RF-27	RF-28
7	360mm END CAP KIT	RF5-28A	RF-27	RF-28

## 360mm TYPE A CONNECTOR KIT



Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-281	360	100	420x100x129	Yellow	PVC/ABS

- Quickly joins two sections of channel and/or fittings. Tighten and release bolts by fingers, absolutely toolless
- Installation needs plastic round head screw and square nut each 10 piece
- Flame retardant: UL94-V0
- Drawing on page RF-28

## 360mm HORIZONTAL 90° ELBOW



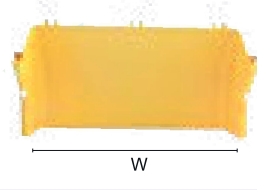
COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1890	360mm Horizontal 90° elbow	360	100	493x493x118	Yellow	PVC/ABS
RF5-8892	360mm Horizontal 90° elbow cover	360	-	425.5x425.5x18.4	Yellow	PVC/ABS

- Attaches to 360mmx100mm channel and/or fittings to creat a 90° horizontal elbow from a straight horizontal run.
- Installation needs 2 piece of 360 type A connectors
- Flame retardant: UL94-V0
- Drawing on page RF-28



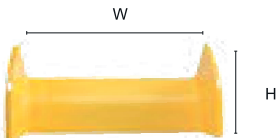
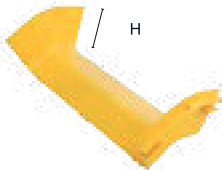
360mm 45° UP ELBOW



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-18F0	360mm 45° Up elbow	360	100	396×205×168	Yellow	PVC/ABS
RF5-8852	360mm 45° Up elbow cover	360	—	406.5×134×91	Yellow	Metal

- Attaches to 360mmx100mm channel and/or fitting to create a 45° upward angle from a straight horizontal run. Used with 45 ° down elbow to change level of a horizontal run.
- Installation needs 2 piece of 360 type A connectors
- Flame retardant: UL94-V0
- Drawing on page RF-28

360mm 45° DOWN ELBOW

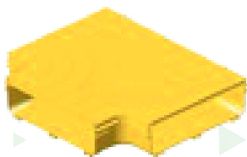
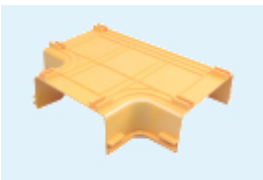
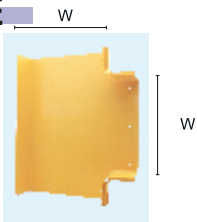
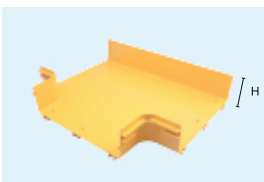


Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1880	360mm 45° Down Elbow	360	100	493×493×118	Yellow	PVC/ABS
RF5-8853	360mm 45° Down Elbow cover	360	—	606×504×37	Yellow	Metal

COVER

- Attaches to 360mmx100mm channel and/or fitting to create a 45° downward angle from a straight horizontal run. Used with 45° up elbow to change level of a horizontal run.
- Installation needs 2 piece of 360 type A connectors
- Flame retardant: UL94-V0
- Drawing on page RF-28

360mm HORIZONTAL TEE

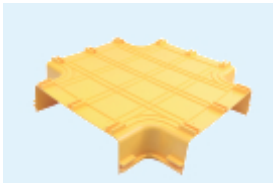
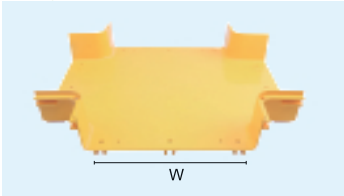
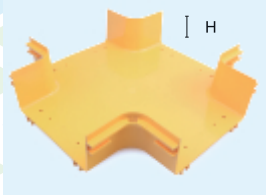


Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1820	360mm Horizontal tee	360	100	493×493×118	Yellow	PVC/ABS
RF5-8832	360mm Horizontal tee cover	360		606×504×37	Yellow	PVC/ABS

COVER

- Attaches to 360mmx100mm channel and/or fittings to creat a 90 ° horizontal branch from a straight horizontal run.
- Installation needs 3 piece of 360 type A connectors
- Flame retardant: UL94-V0
- Drawing on page RF-28

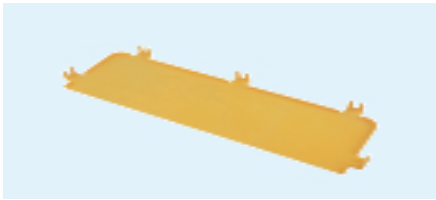
360mm HORIZONTAL CROSS



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1830	360mm Horizontal cross	360	100	590×590×118	Yellow	PVC/ABS
RF5-98844	360mm Horizontal cross cover	360	—	606×606×37	Yellow	PVC/ABS

- Attaches to 360mmx100mm channel and/or fittings to create a horizontal our way cross intersection with two 360mmx100mm exits.
- Installation needs 4 piece of 360 type A connectors
- Flame retardant: UL94-V0
- Drawing on page RF-28

360mm END CAP KIT

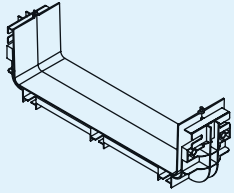


Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-28A	360	100	390×26.5×115	Yellow	PVC/ABS

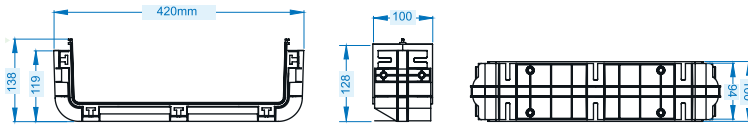
- Used for closing off open ends of the channel or fittings
- Installation needs T shape screw and twist head nut each 5 piece
- Flame retardant: UL94-V0
- Drawing on page RF-28

# 360 Series Raceway Drawings

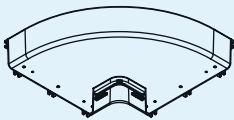
RF5-281



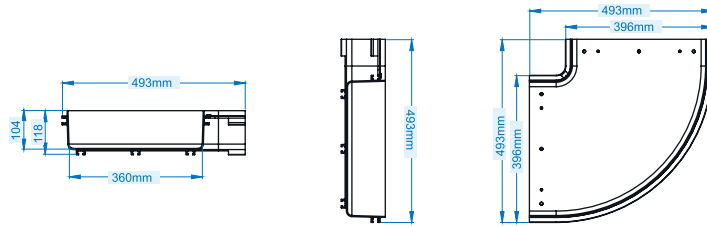
360mm TYPE A CONNECTOR A KIT



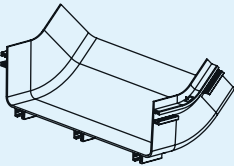
RF5-1890



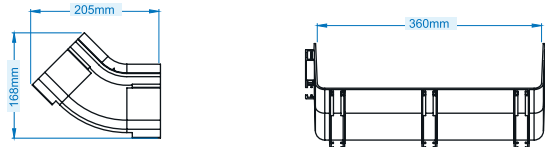
360mm HORIZONTAL 90° ELBOW



RF5-18F0



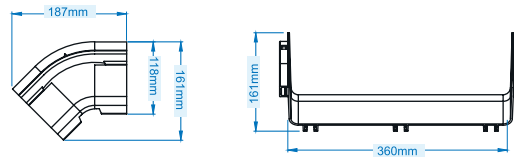
360mm 45° UP ELBOW



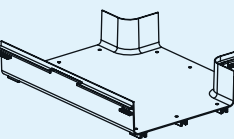
RF5-1880



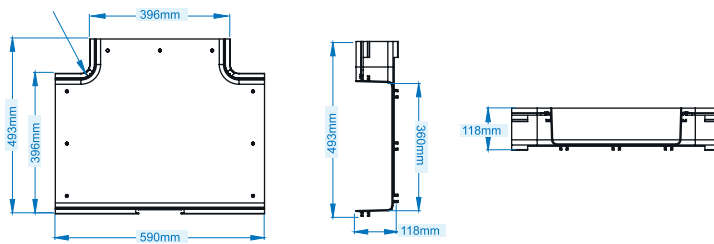
360mm 45° DOWN ELBOW



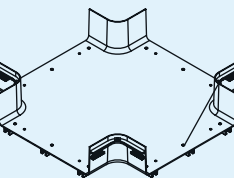
RF5-1820



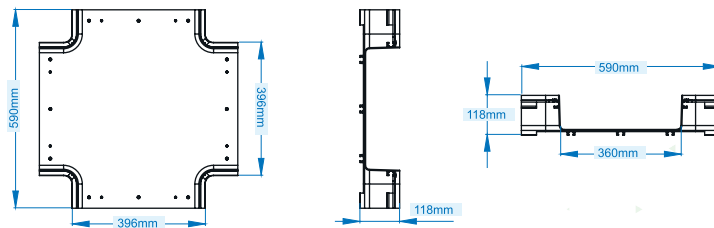
360mm HORIZONTAL TEE



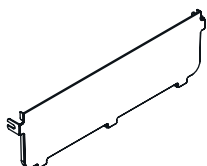
RF5-1830



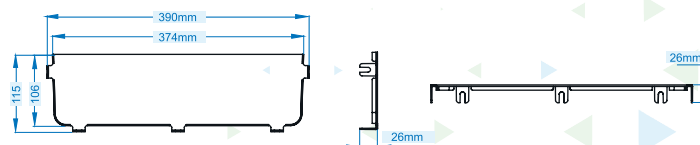
360mm HORIZONTAL CROSS



RF5-28A



360mm END CAP KIT



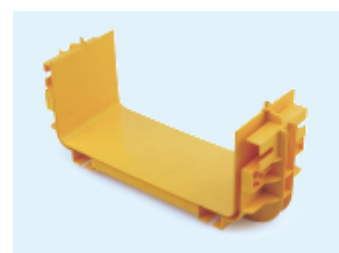
# Fiber management system (300 x 100)

## Order Information

No.	Description	Item No.	Page	Drawing on page
1	300mm TYPE A CONNECTOR KIT	RF5-271	RF-29	-
2	300mm CUTTING IN TEE	RF5-27E	RF-29	-
3	300mm END CAP KIT	RF5-27A	RF-29	-
4	300 TO 240 ADAPTER	RF5-241	RF-29	-

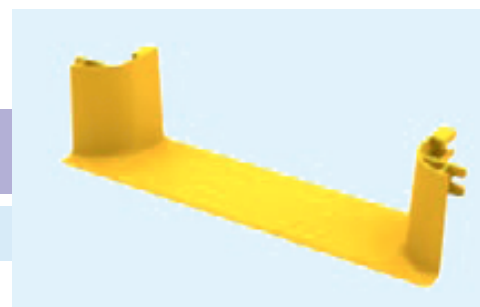
### 300mm TYPE A CONNECTOR KIT

Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-271	300	100	334×62×111	Yellow	PVC/ABS



### 300mm CUTTING IN TEE

Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-27E	300	100	406×102×107	Yellow	PVC/ABS



### 300mm END CAP KIT

Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-27A	300	100	332×24×115	Yellow	PVC/ABS








### 300 TO 240 ADAPTER

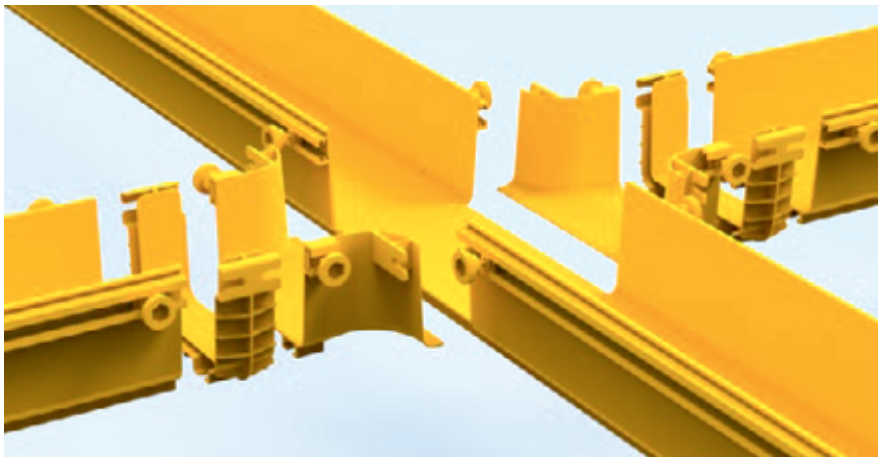
Item No.	Spec(mm)		Overall (mm)	Color	Material
	W	H			
RF5-241	300	100	344×60×122	Yellow	PVC/ABS










**Assemble 90°HORIZONTAL TEE**

Connector KI	Cutting in Tee	Bolt	Nut	Series Raceway Cutting Length
				
1	1	12	12	Length 380mm Width 26mm









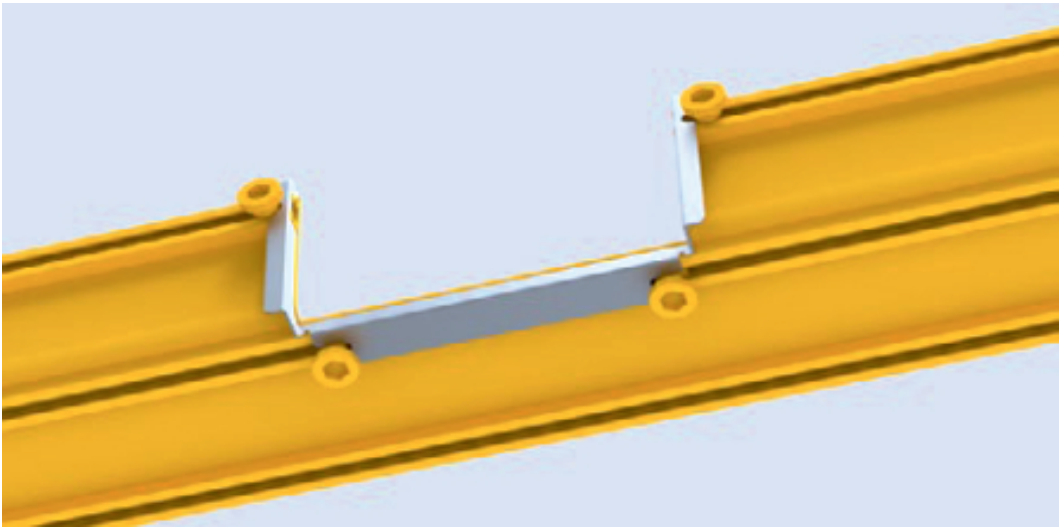
**Assemble A 90°HORIZONTAL CROSS**

Connector KI	Cutting in Tee	Bolt	Nut	Series Raceway Cutting Length
				
2	2	24	24	Length 380mm Width 26mm



Assemble HORIZONTAL 90° ELBOW

Connector KI	Cutting in Tee	END CAP KIT	Bolt	Nut	Series Raceway Cutting Length
					
1	1	1	17	17	Length 380mm Width 26mm



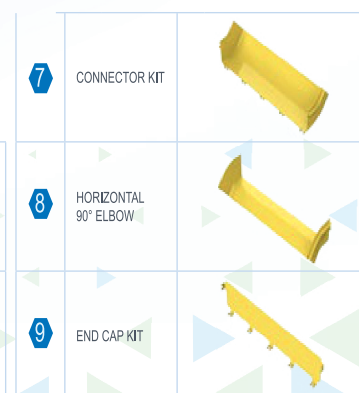
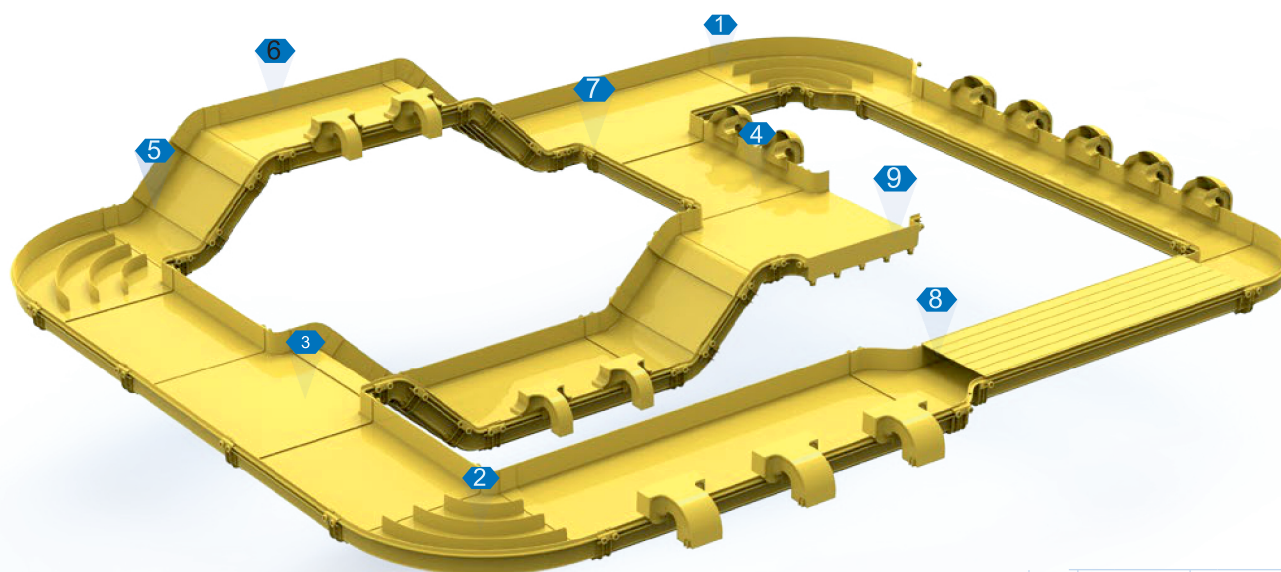
AUXILIARY DEVICE FOR CUT IN TEE



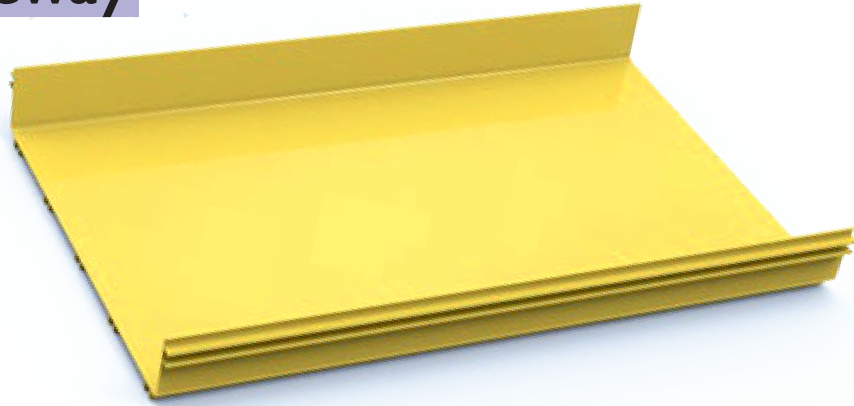
# Fiber management system (600 x 100)

## Order Information

No.	Description	Item No.	Page
1	600 Series Raceway	RF5-A900	RF-33
2	600mm TYPE A CONNECTOR KIT	RF5-12A0	RF-33
3	600MM HORIZONTAL 90° ELBOW		RF-34
4	600mm HORIZONTAL TEE		RF-34
5	600MM HORIZONTAL 90° CROSS		RF-35
6	600mm Cut -in tee	RF5-12E0	RF-35
7	600MM 45° UP ELBOW		RF-36
8	600mm 45° DOWN ELBOW		RF-36
9	600 TO 360 ADAPTER	RF5-6610	RF-37
10	600mm END CAP KIT	RF5-12G0	RF-37






## 600 Series Raceway



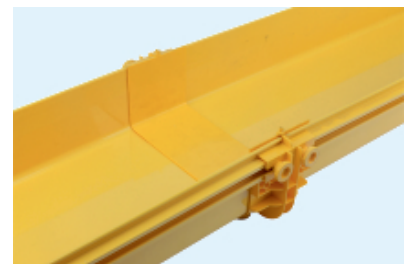
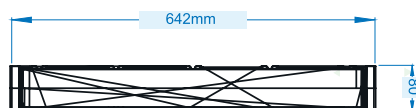
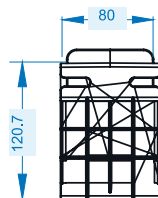
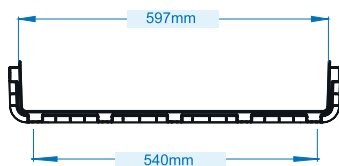
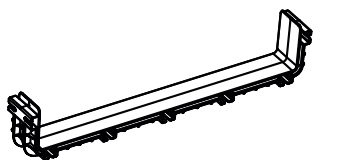
Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		W	H	L			
RF5-A900	600 Straight section	600	100	2000	636x118x2000	Yellow	Flame retardant

- Used to carry the cables horizontally throughout the system. Accepts fittings.

## Recommended Density

Stacking height	Raceway Size	Diameter 1.6mm	Diameter 2.0mm	Diameter 3.0mm	Diameter 5.2mm	Diameter 6.1mm
 50%	600mm x 100mm	11700	7500	3300	1100	760
 75%	600mm x 100mm	11750	11250	4950	1650	1140
 100%	600mm x 100mm	23400	15000	6600	2200	1520

## 600mm Type A Connector Kit

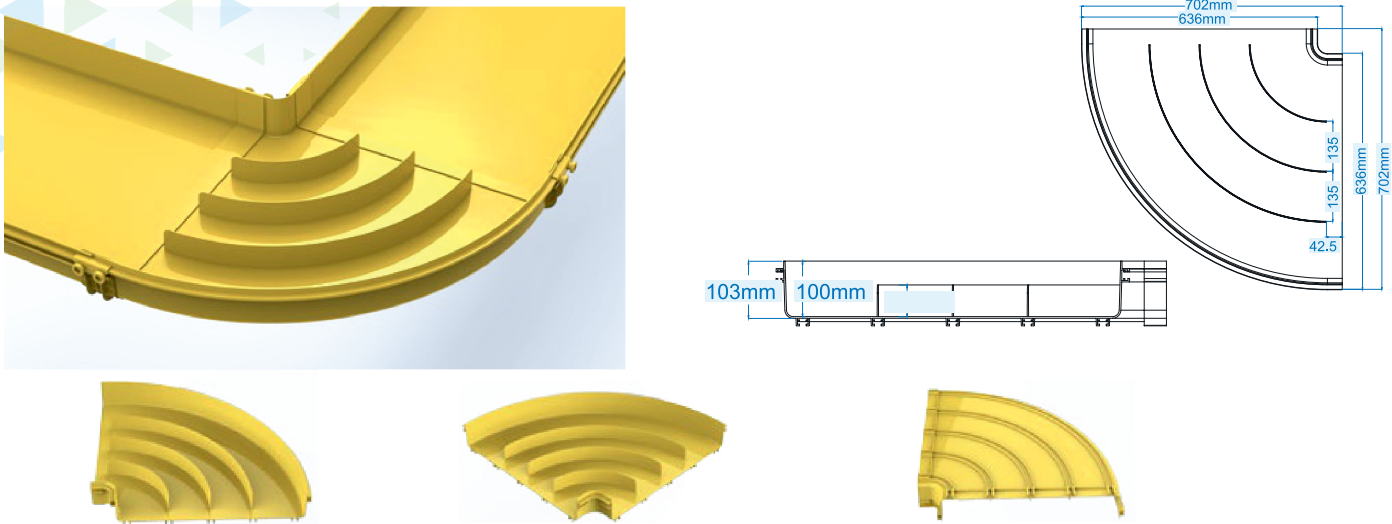


Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-12A0	600mm TYPE A CONNECTOR KIT	600	100	642x80x121	Yellow	Flame retardant

- Quickly joins two sections of channel and/or fittings. Tighten and release bolts by fingers, absolutely toolless.
- Installation needs plastic round head screw and square nut each 14 piece
- Flame retardant: UL94-V0



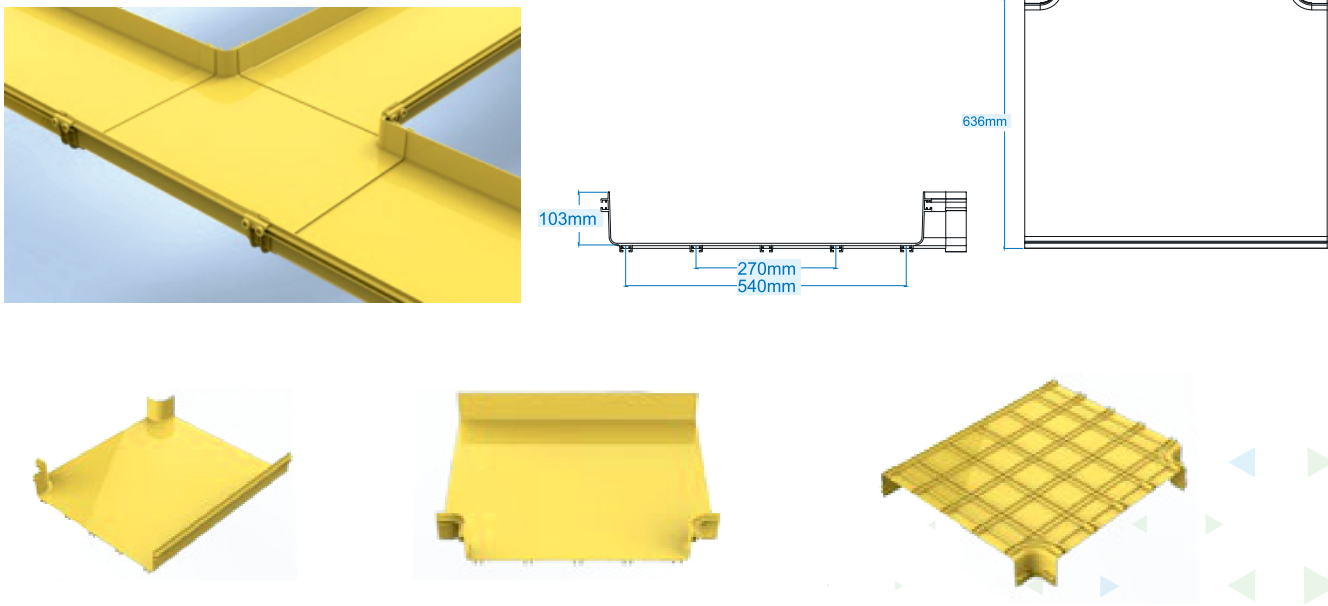
600mm Horizontal 90° Elbow



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1990	600mm Horizontal 90° elbow	600	100	702x702x116.5	Yellow	Flame retardant

- Attaches to 600mmx100mm channel and/or fittings to creat a 90° horizontal elbow from a straight horizontal run.
- 2 Connectors are needed for installation
- Flame retardant: UL94-V0

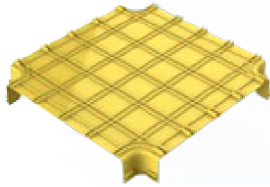
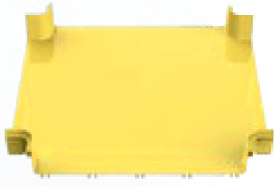
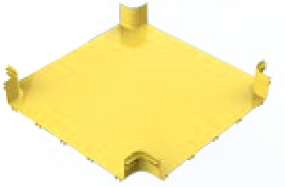
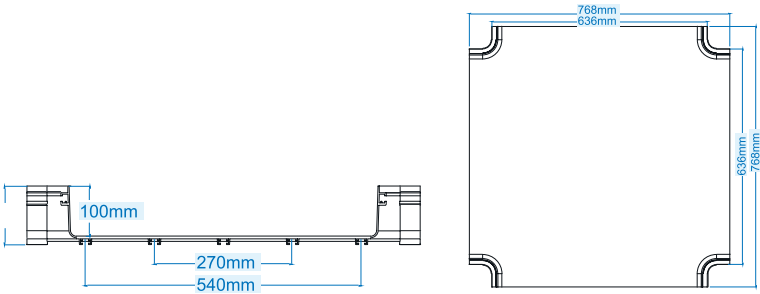
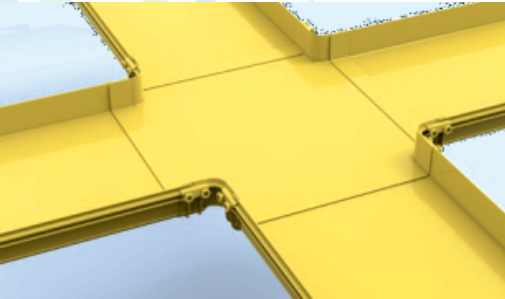
600mm Horizontal Tee



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1920	600mm horizontal tee	600	100	768x768x116.5	Yellow	Flame retardant

- Attaches to 240mmx100mm channel and/or fittings to creat a 90 ° horizontal branch from a straight horizontal run.
- 3 Piece of 600mm connector A kit are needed for installation.
- Flame retardant: UL94-V0

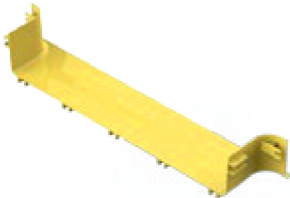
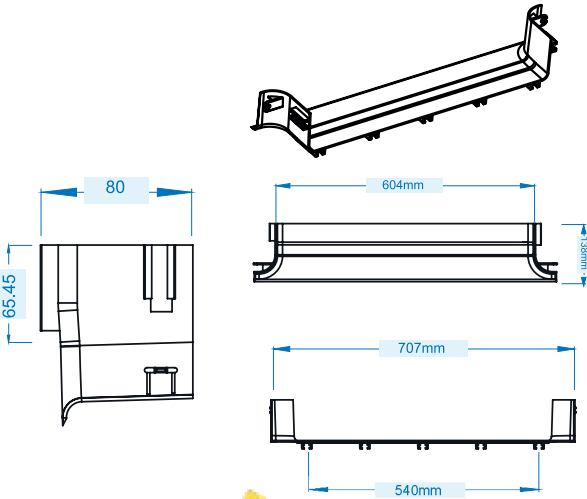
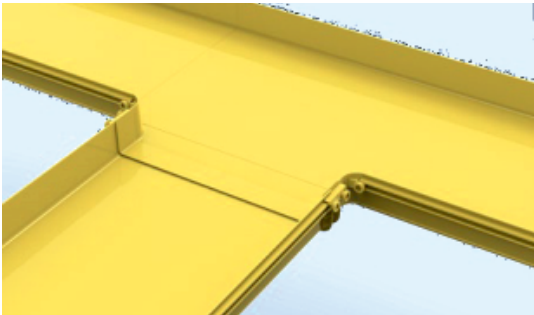
600mm Horizontal 90° Cross



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1930	600mm Horizontal 90° Cross	600	100	768x768x116.5	Yellow	Flame retardant

- Attaches to 600mmx100mm channel and/or fittings to create a horizontal four way cross intersection with two 600mmx100mm exits.
- Installation needs 4 piece of 600mm connector A kit
- Flame retardant: UL94-V0.

600mm Cut-in tee

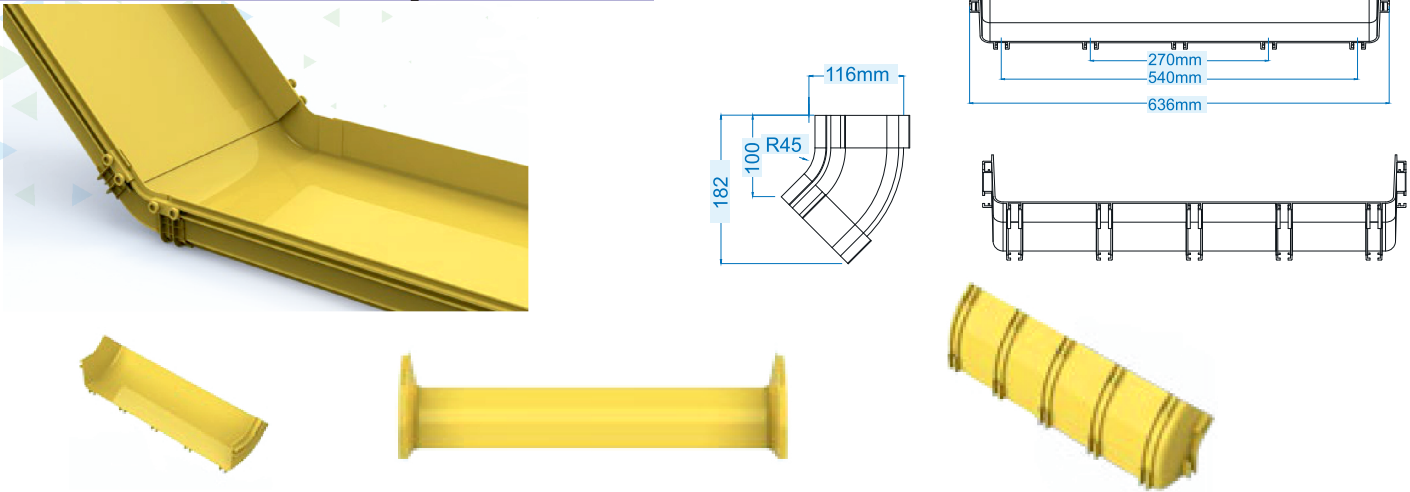


Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-21E0	600mm Cut-in tee	600	100	712x138x116	Yellow	Flame retardant

- Attaches to 600mmx100mm channel to creat a 90° horizontal branch from a straight horizontal run.
- Installation needs one piece of 600 type A connector
- Flame retardant: UL94-V0



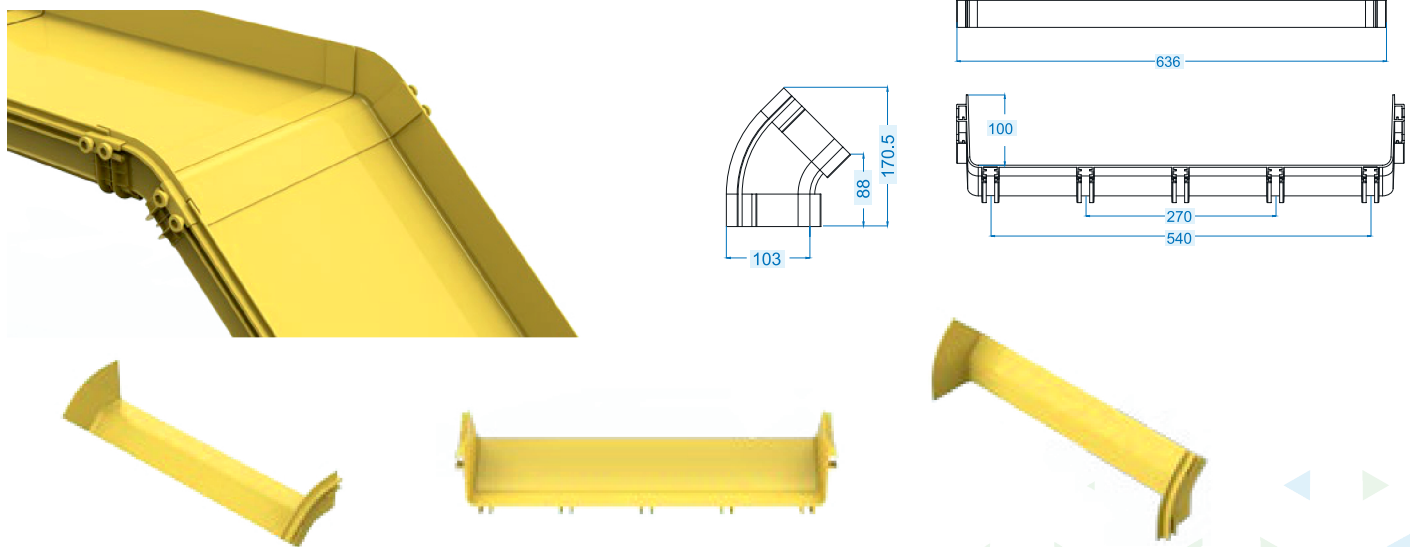
600mm 45° Up Elbow



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-19F0	600mm 45° Up Elbow	600	100	636x182x182	Yellow	Flame retardant

- Attaches to 600mmx100mm channel and/or fitting to create a 45 ° upward angle from a straight horizontal run. Used with 45° down elbow to change level of a horizontal run.
- Installation needs 2 piece of 600mm connector A kit
- Flame retardant: UL94-V0

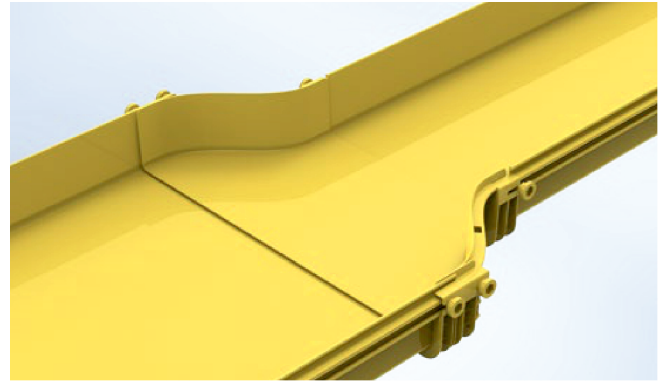
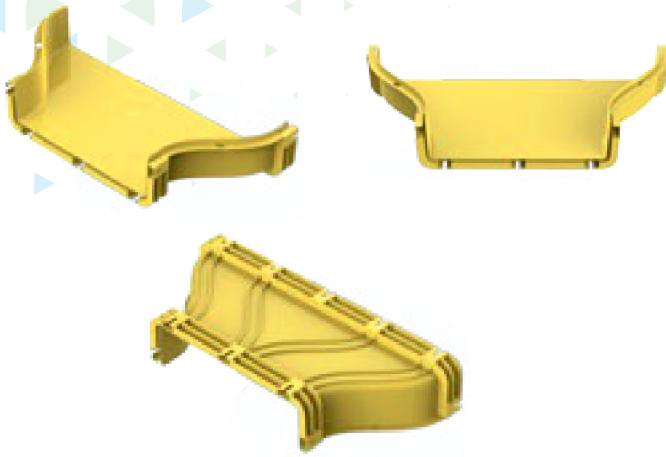
600mm 45° Down Elbow



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-1980	600mm 45° Down Elbow	600	100	641x22.5x121	Yellow	Flame retardant

- Attaches to 240mmx100mm channel and/or fitting to create a 45 ° downward angle from a straight horizontal run. Used with 45° up elbow to change level of a horizontal run.
- Installation needs 2 piece of 600mm connector A kit
- Flame retardant: UL94-V0

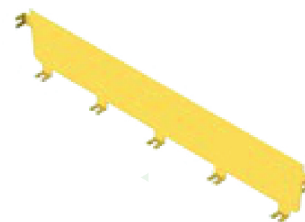
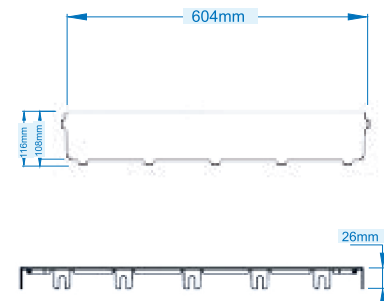
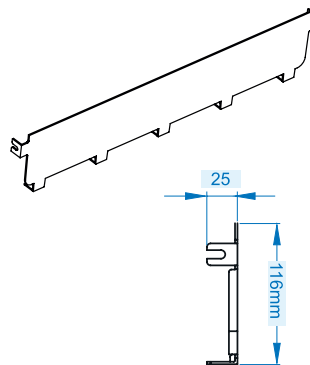
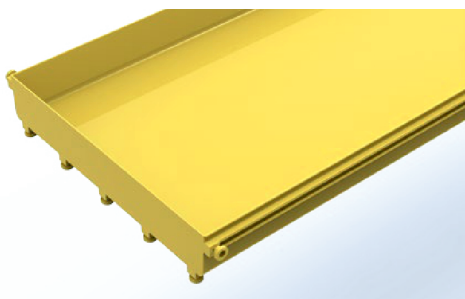
## 600 To 360 Adapter



Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		W1	W2	H			
RF5-6610	600 To 360 Adapter	600	360	100	642x281x121	Yellow	Flame retardant

- Attaches any 600mmx100mm fitting or channel to any 360mmx100mm fitting or channel.
- Installation needs 600 type A connector and 360 type B connector each 1 piece

## 600mm End Cap Kit



Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-12G0	600mm End Cap Kit	600	100	641x22.5x121	Yellow	Flame retardant

- Used for closing off open ends of the channel or fittings.
- Installation needs T shape screw and twist head nut each 7 piece



240 To 120 Adapter

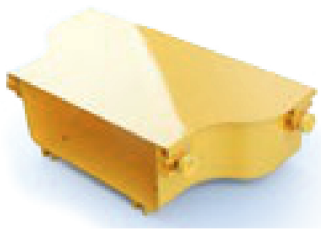
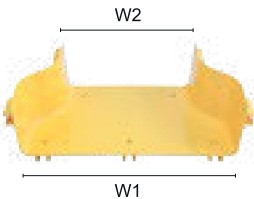


COVER

Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		W1	W2	H			
RF5-21E0	240 to 120 Adapter	240	120	100	205×277×119	Yellow	PVC/ABS
RF5-8B31	240 to 120 Adapter Cover	240	120	—	290×209×40	Yellow	Metal

- Attaches any 240mmx100mm fitting or channel to any 120mmx100mm fitting or channel.
- Installation needs Installation needs 240 type B connector and 120 type B connector each 1 piece
- Flame retardant:UL94-V0

360 To 240 Adapter

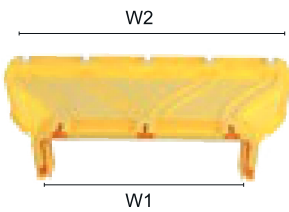
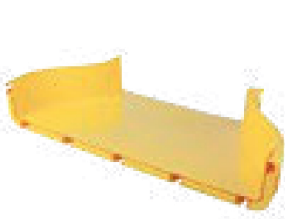


COVER

Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		W1	W2	H			
RF5-6510	360 to 240 Adapter	360	240	100	396×205×118	Yellow	PVC/ABS
RF5-8C21	360 to 240 Adapter Cover	360	240	—	406.5×210×40	Yellow	Metal

- Attaches any 360mmx100mm fitting or channel to any 240mmx100mmfitting or channel.
- Installation needs 360 type A connector and 240 type B connector each 1 piece
- Flame retardant: UL94-V0

600 To 360 Adapter

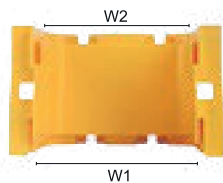


COVER

Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		W1	W2	H			
RF5-6610	600 to 360 Adapter	600	360	100	642×281×121	Yellow	PVC
RF5-8832	360mm Horizontal tee cover	600	360	—		Yellow	Metal

- Attaches any 600mmx100mm fitting or channel to any 360mmx100mmfitting or channel.
- Installation needs 600 type A connector and 360 type B connector each 1 piece
- Flame retardant: UL94-V0

## Adaptor From Panduit 100mm To RitchField 120

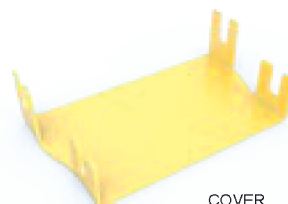
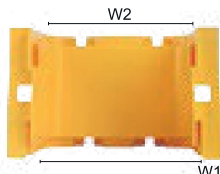


COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W1	W2			
RF5-E215	Adapter From PANDUIT 100mm to RitchField 120mm	120	100	165×100×121	Yellow	PVC/ABS
	Adapter From PANDUIT 100mm to RitchField 120mm	120	100		Yellow	Metal

- Convert Panduit system to RitchField's with this adaptor
- Installations needs just screws
- Flame retardant: UL94-V0

## Adaptor From Adc 100 To RitchField 120

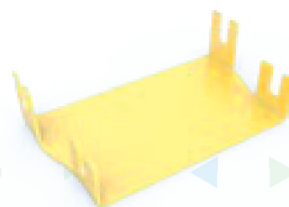
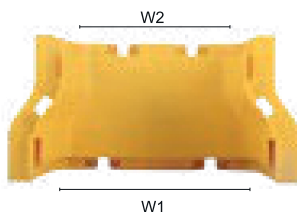


COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W1	W2			
RF5-E215	Adapter From ADC 100mm to RitchField 120mm	120	100	165×100×121	Yellow	PVC/ABS
	Adapter From ADC 100mm to RitchField 120mm Cover	120	100		Yellow	Metal

- Convert ADC 100mm system to RitchField 120mm system.
- Installation needs just screws
- Flame retardant: UL94-V0

## Adaptor From Panduit 150 To RitchField 120

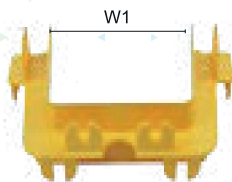
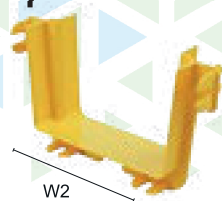


COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W1	W2			
RF5-E225	Adapter From PANDUIT 150mm to RitchField 120mm	150	120	201×100×121	Yellow	PVC/ABS
	Adapter From PANDUIT 150mm to RitchField 120mm Cover	150	120		Yellow	Metal

- Convert Panduit 150mm system to RitchField 120mm system
- Installation needs just screws
- Flame retardant: UL94-V0

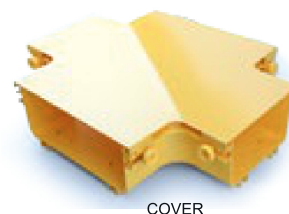
## Adaptor From Adc 150 To RitchField 120



Item No.	Spec(mm)			Overall (mm)	Color	Material
	W1	W2	H			
RF5-E221	120	150	100	199x60x122	Yellow	PVC/ABS

- Convert ADC 150mm system to RitchField 120mm system
- Installation needs T shape screw (LT5B4 P55) and twist head nut each 8 piece (Lt338 P55)
- Flame retardant: UL94-V0

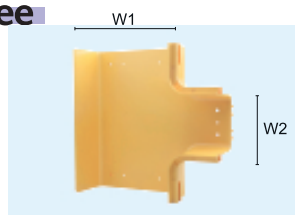
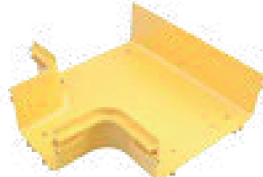
## 240 To 120 Horizontal Cross



Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		W1	W2	H			
RF5-6330	240 to 120 Horizontal cross	240	120	100	476x356x119	Yellow	PVC
RF5-8B42	240 to 120 Horizontal cross cover	240	120	—	476x355x40	Yellow	Metal

- Attaches to 240mmx100mm channel and/or fittings to create a horizontal four way cross intersection with two 120mmx100mm EXITS.
- Installation needs 240 type B connector and 120 type B connector each 2 piece
- Flame retardant: UL94-V0

## 240 To 120 Horizontal Tee

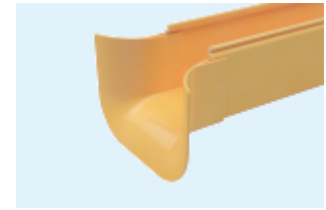
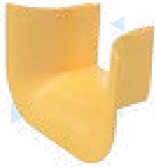


Item No.	Name	Spec (mm)			Overall (mm)	Color	Material
		W1	W2	H			
RF5-6320	240 to 120 Horizontal tee	240	120	100	350x372x117	Yellow	PVC
RF5-8B31	240 to 120 Horizontal tee cover	240	120	—	350x372x117	Yellow	Metal

- Attaches to 240mmx100mm channel and/or fittings to create a 90 ° horizontal branch with a 120mmx100mm exit from straight horizontal run.
- Installation needs 240 type B connector 2 piece and 120 type B connector 1 piece
- Flame retardant: UL94-V0

## CABLE EXIT

### 60mm Trumpet Spillout Kit



Item No.	Spec(mm)		Overall (mm)	Color	Material
	w1	w2			
RF5-11L0	60	60	128×60×83	Yellow	PVC/ABS

- Used to limit the bend radius of the cable to 40mm when exiting from a spill over junction with a 60x60 exit or from 60x60 raceway
- Installation by hand, no tools needed.
- Flame retardant: UL94-V0

### 120mm Trumpet Spillout Kit



Item No.	Spec(mm)		Overall (mm)	Color	Material
	w1	w2			
RF5-L23B	120	100	179×70×125	Yellow	PVC/ABS

- Used to limit the bend radius of the cable to 2" (50.8Mm) when exiting from 120mmx100mm channel, 120mmx100mm horizontal tee fitting, or 120mmx100mm exit on 240mmx100mm vertical tee.
- Installation needs T shape screw (LT5B4 P55) and twist head nut each 4 piece (LT338 P55)
- Flame retardant: UL94-V0

### 240mm Trumpet Spillout Kit



Item No.	Spec(mm)		Overall (mm)	Color	Material
	w1	w2			
RF5-11S0	60	60	140×64×140	Yellow	PVC/ABS

- Used to limit the bend radius of the cable to 40mm when exiting from a 240x100 raceway or from 240x100 horizontal Tee
- Installation needs T shape screw (LT5B4 P55) and twist head nut each 4 piece (LT338 P55)
- Flame retardant: UL94-V0

60mm Movable Exit A Kit



COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		w1	w2			
RF5-C230	60mm Movable exit A kit	60	60	255×208×141	Yellow	PVC/ABS
RF5-8163	60mm Movable exit kit cover	60	-	260×222×143	Yellow	PVC/ABS

- Assembles onto 120mmx100mm,240mmx100mm,360mmx100mm channel, spilling over the side into a 60x60 exit
- Installation needs T shape screw (RF5-T5B4 P55) and twist head nut (RF5-T338 P55) each 1 piece, Metal support as optional
- Flame retardant: UL94-V0

60mm Movable Exit B Kit



COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		w1	w2			
RF5-C250	60mm Movable exit B kit	45	60	89×134×78	Yellow	PVC/ABS
RF5-8065	60mm Movable exit kit cover	45	-	145×140×80	Yellow	PVC/ABS

- Assembles onto 60mmx60mm
- Installation by hand, no tools needed.
- Flame retardant: UL94-V0

70mm Movable Exit Kit



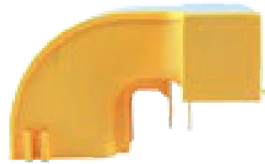
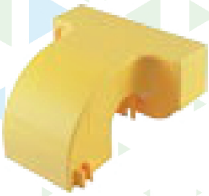
COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		w1	w2			
RF5-3700	70mm Movable exit kit	70	-	143×162×113.5	Yellow	PVC/ABS
RF5-3800	70mm Movable exit kit cover	70	-	78×72.5×125.5	Yellow	PVC/ABS

- Assembles onto 120mmx100mm,240mmx100mm,360mmx100mm channel, spilling over the side into a 70mm movable exit without corrugated pipe.
- Installation needs T shape screw (RF5-T5B4 P55) and twist head nut (RF5-T338 P55) each 2 piece
- Flame retardant: UL94-V0



## 120mm Movable Exit Kit

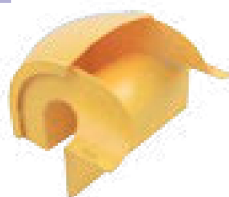


COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W	H			
RF5-C240	120mm Movable exit A kit	120	170	250×211×146	Yellow	PVC/ABS
RF5-8064	120mm Movable exit kit cover	120	-	258×260×149	Yellow	PVC/ABS

- Assembles onto 120mmx100mm,240mmx100mm,360mmx100mm channel, spilling over the side into a 120mm movable exit.
- Installation needs T shape screw (RF5-T5B4 P55) and twist head nut (RF5-T338 P55) each 2 piece
- Flame retardant: UL94-V0

## 130mm Movable Exit Kit



COVER

Item No.	Name	Spec (mm)		Overall (mm)	Color	Material
		W1	W2			
RF5-C210	130mm Movable exit kit	130	170	226×170×130	Yellow	PVC/ABS
RF5-8161	130mm Movable exit kit cover	130	-	148×103×153	Yellow	PVC/ABS

- Assembles onto 120mmx100mm,240mmx100mm,360mmx100mm channel, spilling over the side into a 130mm movable exit.
- Installation needs T shape screw (LT5B4 P55) and twist head nut (LT338 P55) each 2 piece
- Flame retardant: UL94-V0



Pipe Fixer



Corrugated Pipe

## Corrugated Pipe And Accessories

Item No.	Name	Spec (mm)	Overall (mm)	Color	Material
RF5-CK02	Pipe fixer	50	56×52×23	Yellow	PVC/ABS
RF5-CK03	Pipe fixer	90	84.2×65×20	Yellow	PVC/ABS
RF5-CR50	Corrugated pipe	50	50	Yellow	PVC/ABS
RF5-CR90	Corrugated pipe	90	90	Yellow	PVC/ABS

- Suits for all Ritchfield's cable exits
- Pipe fixer is necessary for installation of the corrugated pipes
- Length of the pipe is available upon demand

## Cable Exit Bracket

Item No.	Spec L(mm)	Overall (mm)	Application range	Surface treatment
RF5-3040	-	-	All cable exits	Electroplated Zinc Powder coated

- Reinforce the movable cable exit
- Color:

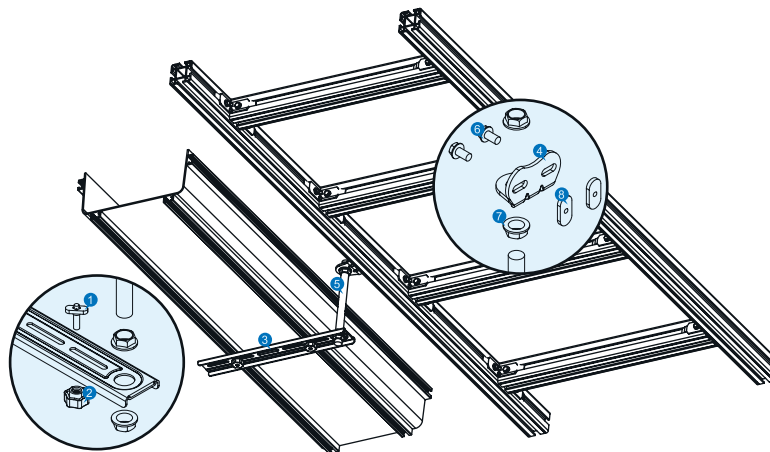




# MOUNTING SUPPORT KITS

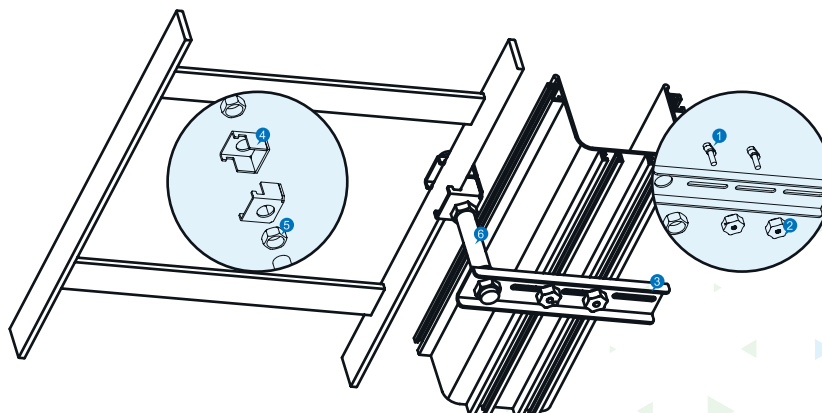
RitchField's raceway offers versatile mounting options, including attachment to walls, ladder racks, ceilings, raised floor support brackets, floors, and the tops of equipment racks or frames

## Aluminum ladder rack side support (Suit for 120mm and 240mm only)



- 1 RF5-T147 Plastic T shape bolt×2 (P75)
- 2 RF5-T343 Plastic twist nut×2(P75)
- 3 Single hole bar x1(P75)
- 4 RF5-D120 Ladder rack bracket×1
- 5 Threaded rod×1
- 6 M6 Bolt x2
- 7 Flange nut×4
- 8 RF5-T344 Flexible nut×2

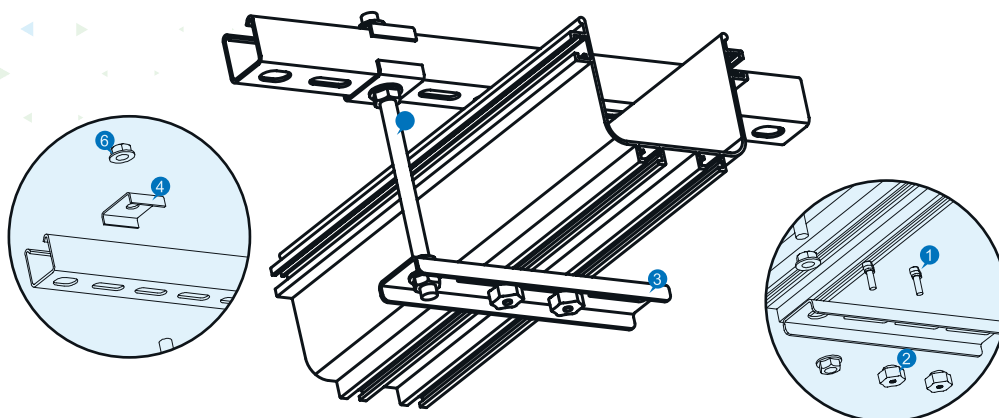
## Flat steel ladder rack side support (Suit for 120mm and 240mm only)



- 1 RF5-T147 Plastic T shape bolt×2 (P75)
- 2 RF5-T343 Plastic twist nut×2(P75)
- 3 Single hole bar×1 (P74)
- 4 RF5-D120 Ladder rack bracket×1
- 5 LD360 Flat steel fixture×2
- 6 Flange nut×4
- 7 Threaded rod×1

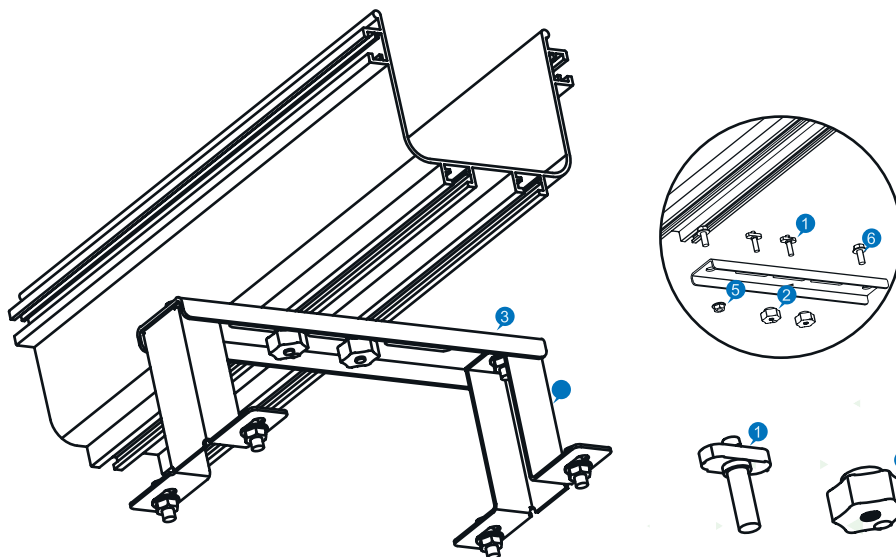


## Aluminum ladder rack side support (Suit for 120mm and 240mm only)



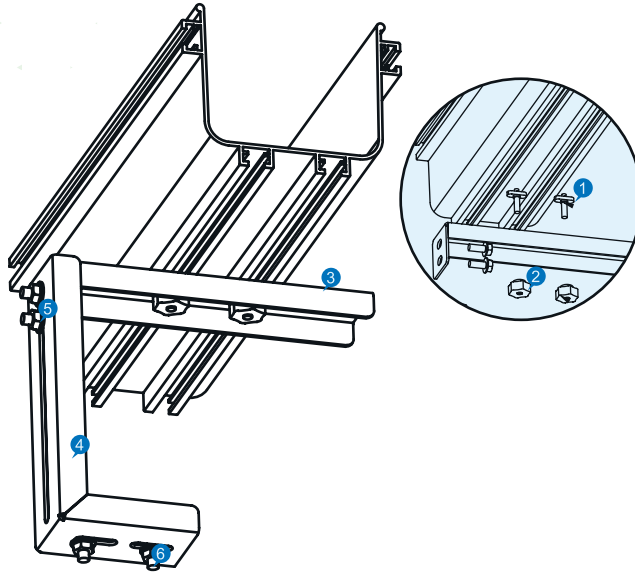
- ① RF5-T147 Plastic T shape bolt×2 P75
- ② RF5-T343 Plastic twist nut×2 P75
- ③ Single hole bar×1 (P74)
- ④ Strut channel clamp kit×1
- ⑤ Threaded nut×4
- ⑥ Flange nut×4

## Cabinet Top Support Kit (Suit for all the sizes)



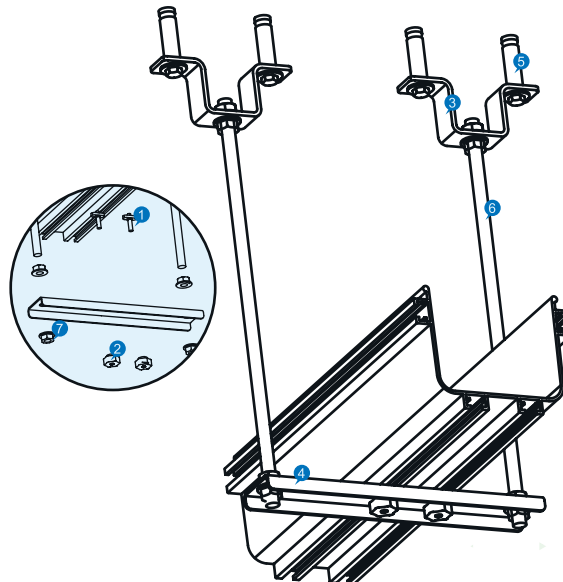
- ① RF5-T147 Plastic T shape bolt×2 P75
- ② RF5-T343 Plastic twist nut×2 P75
- ③ Dual-hole bar×1 (P74)
- ⑤ RF5-ST10 Cabinet top
- ⑥ Stand×2 M8 Flange nut×6
- ⑦ M8 bolt×6

## Adjustable Cabinet Top Support Kit (Suit for all the sizes)



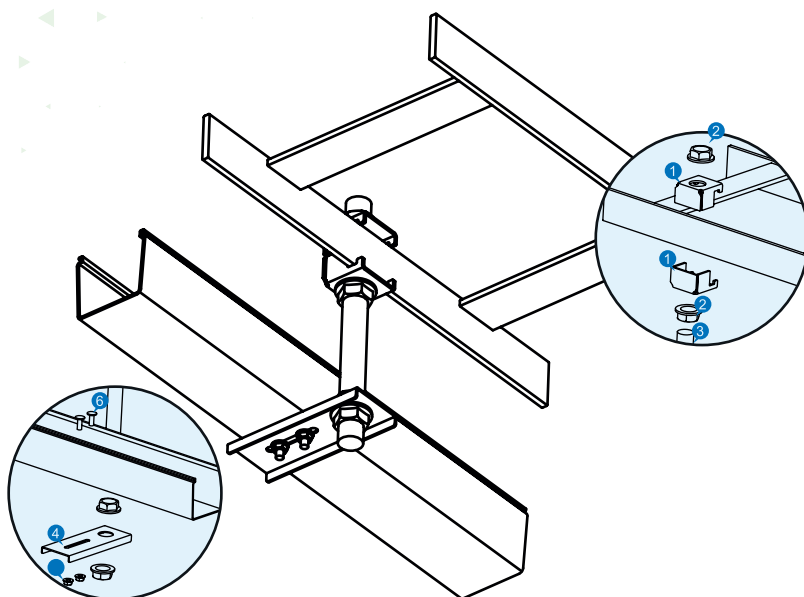
- ① RF5-T147 Plastic T shape bolt×2(P75)
- ② RF5-T343 Plastic twist nut×2(P75)
- ③ Adjustable cabinet top support bar×1(P74)
- ④ RF5-ST30 Adjustable cabinet top support stand×1(P74)
- ⑤ M8 Flange nut×6
- ⑥ M8 bolt×6

## Ceiling Mounting Support Kit (Suit for all the sizes)



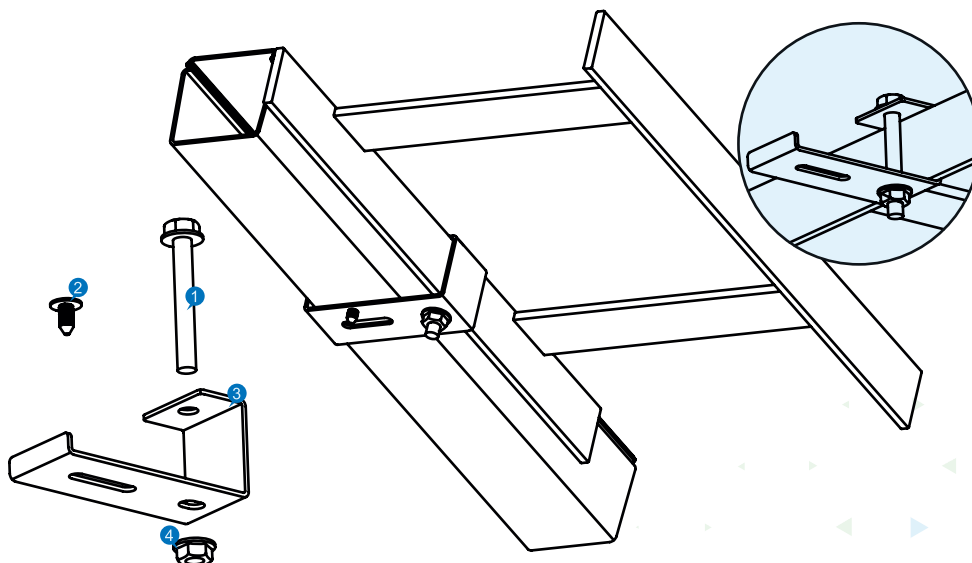
- ① RF5-T147 Plastic T shape bolt×2(P75)
- ② RF5-T343 Plastic twist nut×2(P75)
- ③ RF5-T630 □ Bracket×2
- ④ Dual hole bar×1(P74)
- ⑤ Expansion bolt×2
- ⑥ Threaded rod×2
- ⑦ Flange nut×8

## 60x60 Ladder Rack Mounting



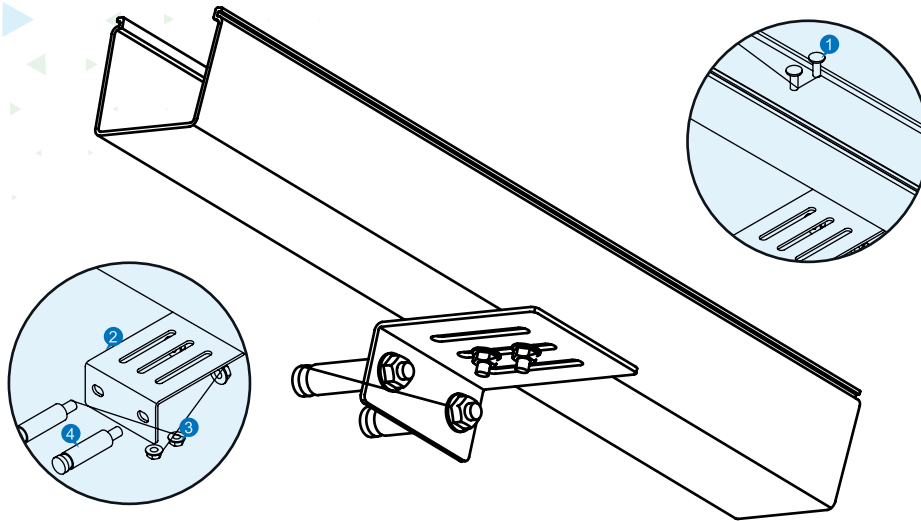
- ① RF5-D360 Flat steel fixture×2
- ② M16 Flange nut×4
- ③ M16 Threaded rod×1
- ④ Single hole bar×1
- ⑤ M6 Flange nut×2
- ⑥ M6 bolt×2

## 60x60 Ladder Rack Mounting



- ① M8×60 bolt×1
- ② Phill self tapping screw×1
- ③ Bracket support for cable runway×1
- ④ M8 Flange nut×1

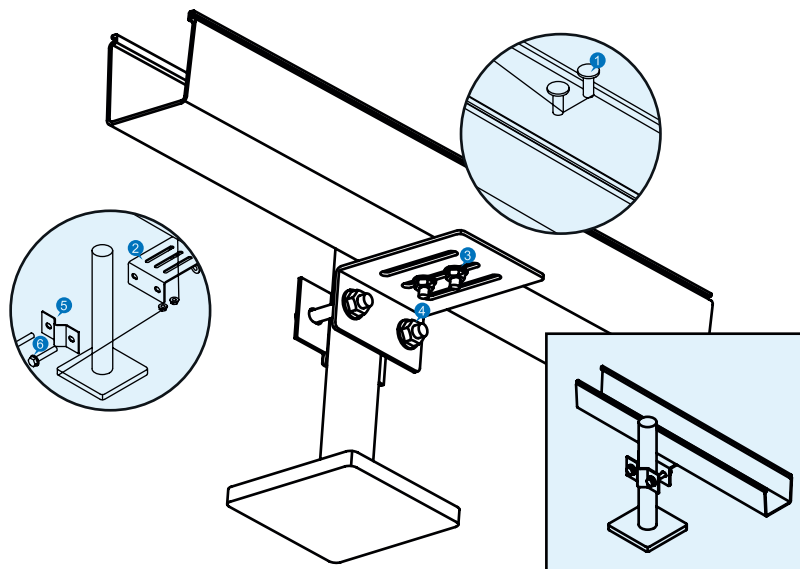
## 60x60 Wall Mounting



- 1 M6x14 boltx2
- 2 holderx1

- 3 Flange nutx4
- 4 Expansion boltx2

## 60x60 Under Access Floor Mounting



- 1 M6x14 boltx2
- 2 holderx1
- 3 M6 Flange nutx2

- 4 M8 Flange nutx2
- 5 Pedestal clampx1
- 6 M8 boltx2

## Single Hole Bar

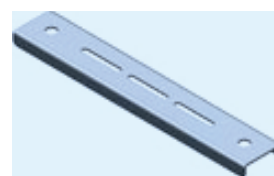
Item No.	Spec(mm)	Overall (mm)	Application range	Surface treatment
	L (mm)			
RF5-I2D1	120	230×47×12	120 straight section	Electroplated Zinc Powder coated
RF5-I2D2	240	350×47×12	240 straight section	
RF5-I2D3	360	450×50×23	360 System straight section	



- Suits for various single threaded rod mounting supports
- Color: ☐ ☒ ☐ ☐ ☐

## Dual Hole Bar

Item No.	Spec(mm)	Overall (mm)	Application range	Surface treatment
	L (mm)			
RF5-I2S1	300	300×50×15	120 straight section	Electroplated Zinc Powder coated
RF5-I2S2	400	400×50×15	240 straight section	
RF5-I2S3	500	500×50×15	360 System straight section	



- Suits for various single threaded rod mounting supports
- Color: ☐ ☒ ☐ ☐ ☐

## Wall Bracket

Item No.	Spec(mm)	Overall (mm)	Application range	Surface treatment
	L (mm)			
RF5-I2Q1	230	230×50×100	120 straight section	Electroplated Zinc Powder coated
RF5-I2Q2	350	350×50×100	240 straight section	



- Suits for all fiber raceways' size within 240mm, length can be prolonged according to site situation.
- Color: ☐ ☒ ☐ ☐ ☐

## Adjustable Cabinet Top Support Bar

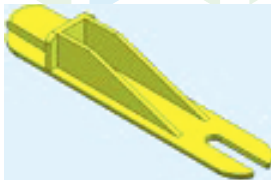
Item No.	Spec(mm)	Overall (mm)	Application range	Surface treatment
	L (mm)			
RF5-I2G1	230	230×50×50	120 straight section	Electroplated Zinc Powder coated
RF5-I2G2	350	350×50×50	240 straight section	



- Suits for raceways' size with 240mm, mounting with Item No.LST30
- Color: ☐ ☒ ☐ ☐ ☐



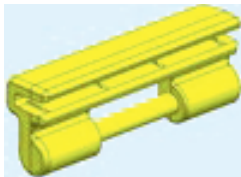
Cutting In Tee Bracket



Item No.	Overall (mm)
RF5-3010	132×25×19

Hinged Cover Upper Part

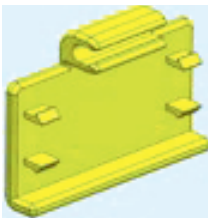
(in kit)



Item No.	Overall (mm)
RF5-3020	50×18.5×11.5

Hinged Cover Lower Part

(in kit)



Item No.	Overall (mm)
RF5-3030	50×36×11.5

Plastic Round Head Bolt

(in kit)



Item No.	Spec (mm)	Overall (mm)
RF5-T5B4	M5×15	27×28.5

Plastic Square Nut

(in kit)



Item No.	Spec (mm)	Overall (mm)
RF5-T338	M5	18×18×8

Plastic T Shape Bolt

(in kit)



Item No.	Spec (mm)	Overall (mm)
RF5-T147	M6×15	26×20.5×11

Plastic Twist Nut

(in kit)



Item No.	Spec (mm)	Overall (mm)
RF5-T343	M6	24.5×14

