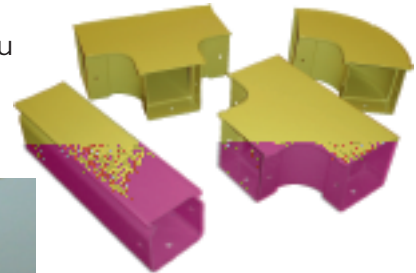


# The Gigaduct System

## Protecting your fibre, for secure communication

- Gigaduct is a flexible duct system for fibre optic cables specifically produced and designed for both the European and US Market.
- The system is fully enclosed protecting the fibre from dirt and dust, the duct is strong enough to protect cables against the most rigorous of conditions.
- It is manufactured from a Halogen free, flame-retardant UL94/V0 plastic. The product is designed to meet material specifications required throughout Europe.
- The system is easy to assemble. The only tools required are a drill, a screwdriver and a saw to cut the channels to length. The system is designed for speed of installation and minimum labour for the installer.
- The easy access covers allows fibre optic cables to be installed or removed at any time without the need to disconnect the whole system.
- The system is extremely adaptable and will evolve to suit this demanding market. Currently it is supplied in three sizes: 50mm x 50mm, 100mm x 100mm and 200mm x 100mm.
- GigaCom offer a complete design package to assist you with the layout of your ducting system.



For further information please contact:

GigaCom Ltd

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Oxfordshire, England OX17 2AG

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email: [gigacomuk@aol.com](mailto:gigacomuk@aol.com) • [www.gigaduct.com](http://www.gigaduct.com)

organising fibre space

# GigaCom

The company is committed to delighting the customer and excelling in each of three key area's.

## Service

A demanding market requires fast solutions, to meet this challenge we believe that:

- All standard product should be available within 24 hours from order.
- If special solutions are required they will be available in 14 days.

## Product

Technically advanced communications equipment needs superb ancillary support therefore:

- We will design product that surpasses the latest standards at the lowest possible cost.
- Continuous improvement will be at the forefront of our design strategy to continually innovate in our market.

## People

To support the ideals of the company and the future needs of the customer we will invest in:

- Relationships with our customers so we anticipate their requirements and have a solution available before it is requested.
- Our people, will be competent to meet and surpass the requirements of the customer.



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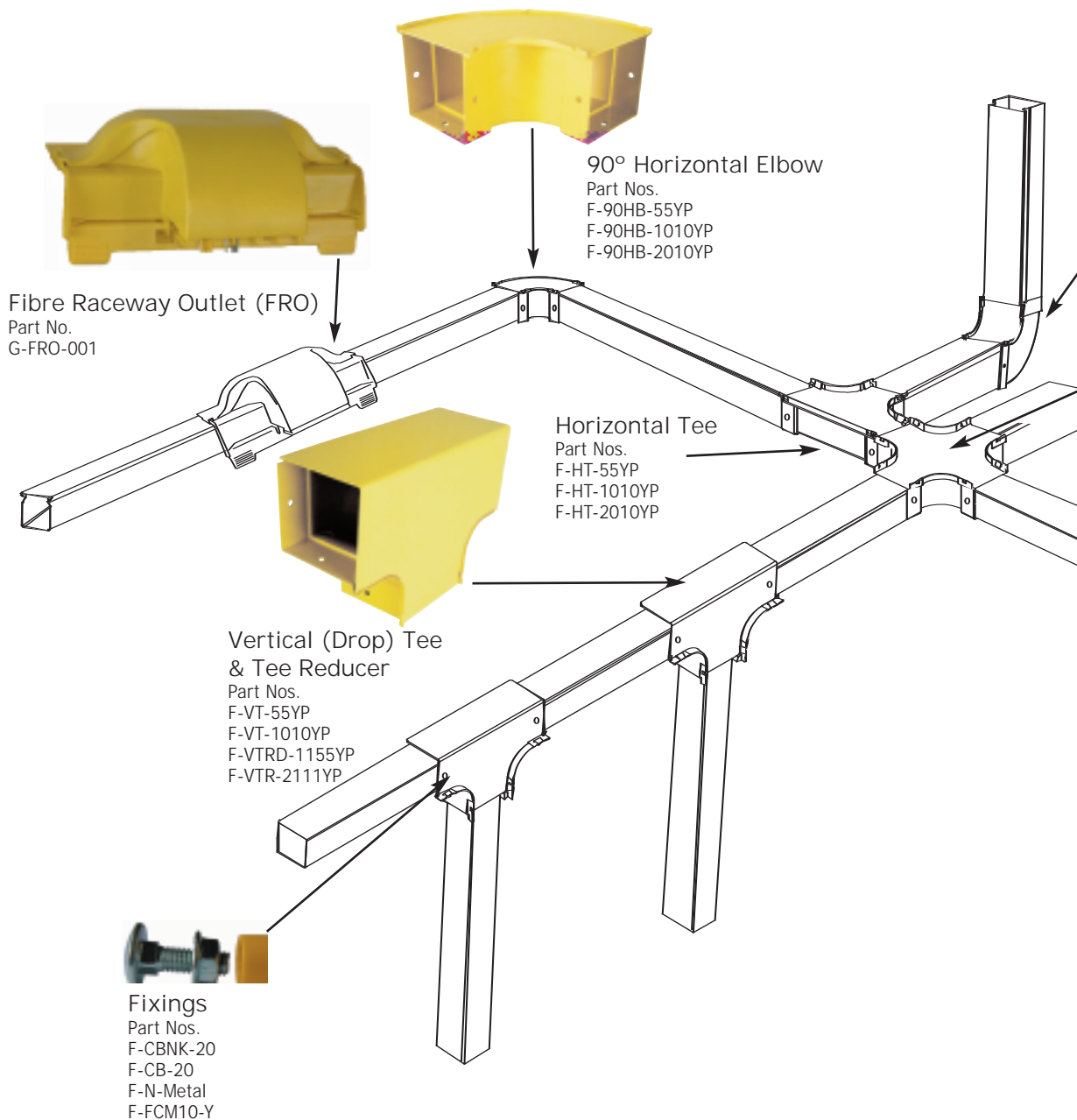
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organising fibre space

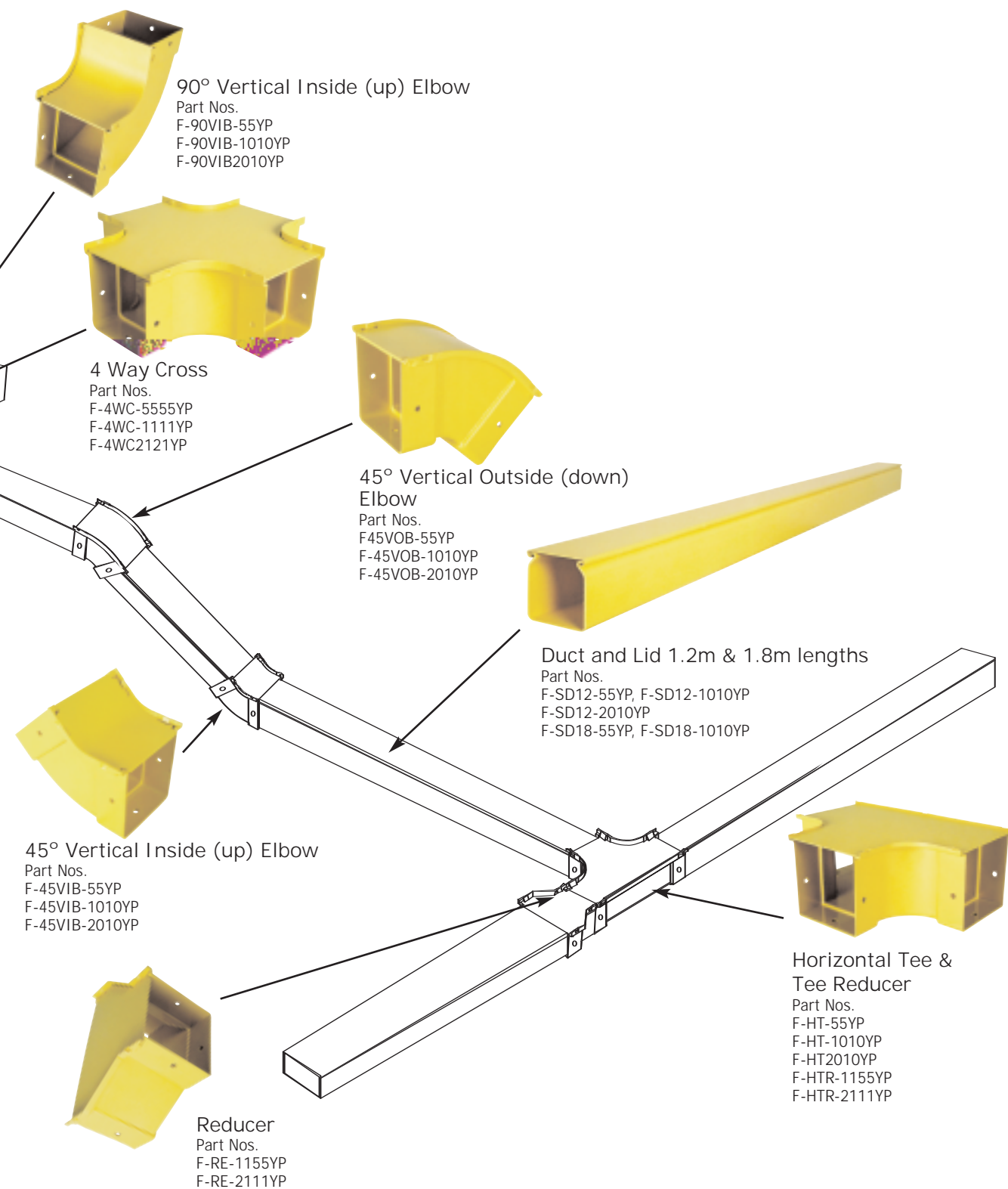
# The Gigaduct System

organising fibrespace

## System Overview







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# The Gigaduct System

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3. Vertical Elbows
4. Tee's & Tee Reducers
5. 4 Way Cross
6. Reducers
7. End Fittings
8. Splices
9. Excess Fibre Storage Unit
10. Fibre Raceway Outlet
11. Converters
12. Brackets and Fixings
13. Labels



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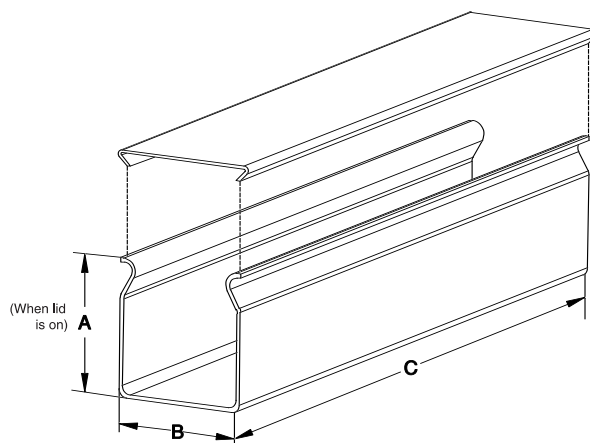
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organising fibrespace

## Duct 1.2m

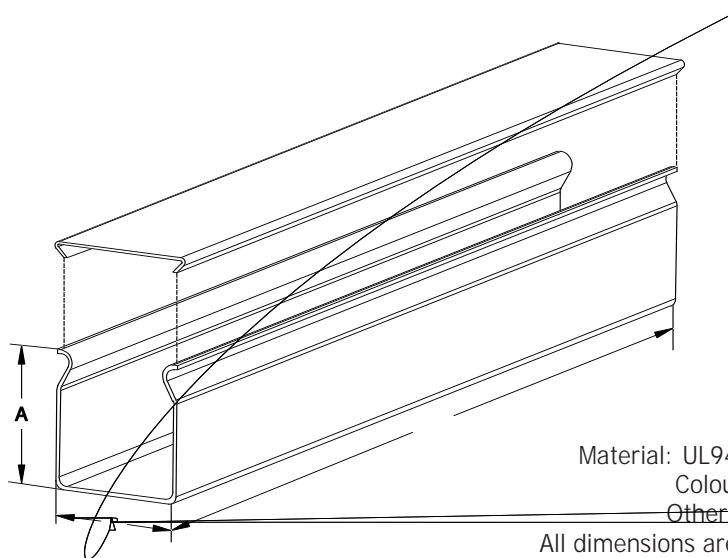
Part Number		A	B	C
F-SD12-2010YP	200 x 100	200	100	1200



Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow.  
 Other colours on request.  
 All dimensions are for reference only.  
 Finish: Haircell  
 Dimensions in mm.

## Duct 1.8m

Part Number		A	B	C
F-SD18-55YP	50 x 50	50	50	1800
F-SD18-1010YP	100 x 100	100	100	1800



Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow.  
 Other colours on request.  
 All dimensions are for reference only.  
 Finish: Smooth  
 Dimensions in mm.



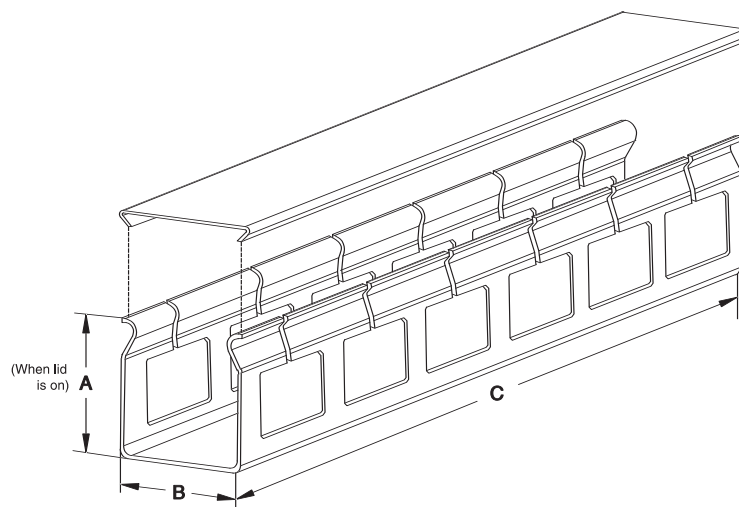
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## Slotted Duct 1.8m

Part Number		Pitch	A	B	C
F-SDC18-55-YP	50 x 50	100	50	50	1800
F-SD50C18-55-YP	50 x 50	50	50	50	1800
F-SDC18-1010-YP	100 x 100	100	100	100	1800
F-SD50C-1010YP	100 x 100	50	100	100	1800



Cut out size: 50 x 50mm - 25mm (h) x 32mm(w)  
100 x 100mm - 70mm (h) x 32mm(w)

The number of cut outs is proportional to duct size and pitch.

Material: UL94/V0, Zero Halogen.  
Colour: Standard yellow.  
Other colours on request.  
All dimensions are for reference only.  
Finish: Smooth  
Dimensions in mm.



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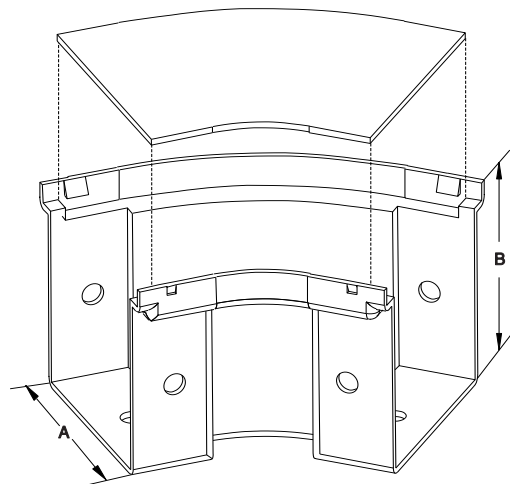
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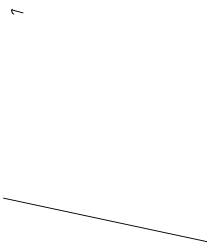
## 45° Horizontal Elbow

Part Number	A	B
F-45HB-55YP 50 x 50	60	65
F-45HB-1010YP 100 x 100	110	110
F-45HB-2010YP 200 x 100	210	110



## 90° Horizontal Elbow

Part Number	A	B	C
F-90HB-55YP 50 x 50	130	130	65
F-90HB-1010YP 100 x 100	195	195	110
F-90HB-2010YP 200 x 100	340	340	110



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



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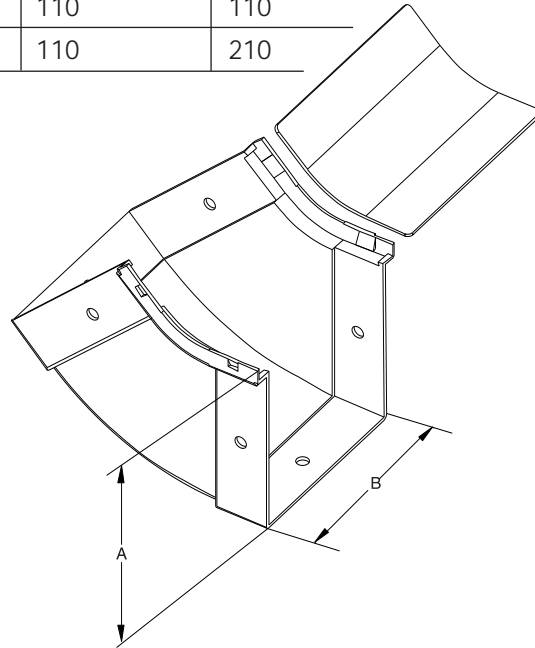
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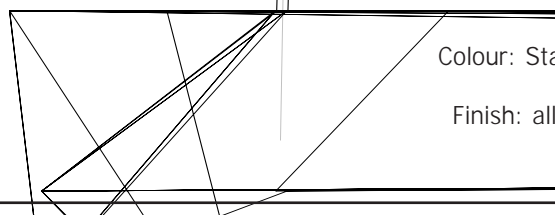
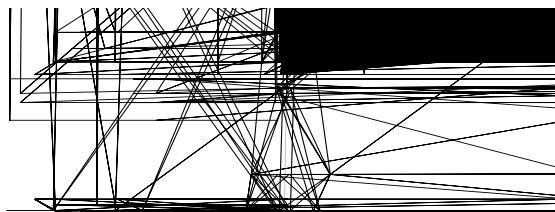
## 45° Vertical Inside (up) Elbow

Part Number		A	B
F-45VIB-55YP	50 x 50	60	60
F-45VIB-1010YP	100 x 100	110	110
F-45VIB-2010YP	200 x 100	110	210



## 45° Vertical Outside (down) Elbow

Part Number		A	B
F-45VOB-55YP	50 x 50	60	60
F-45VOB-1010YP	100 x 100	110	110
F-45VOB-2010YP	200 x 100	110	210



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



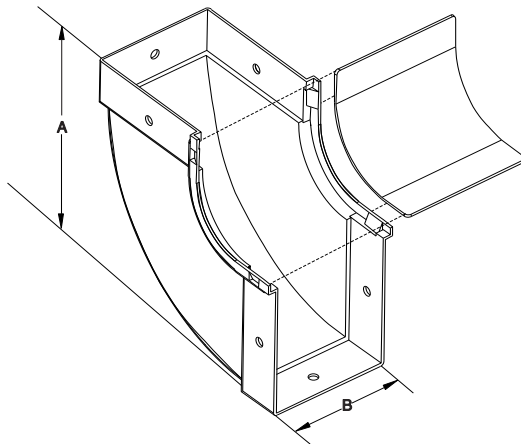
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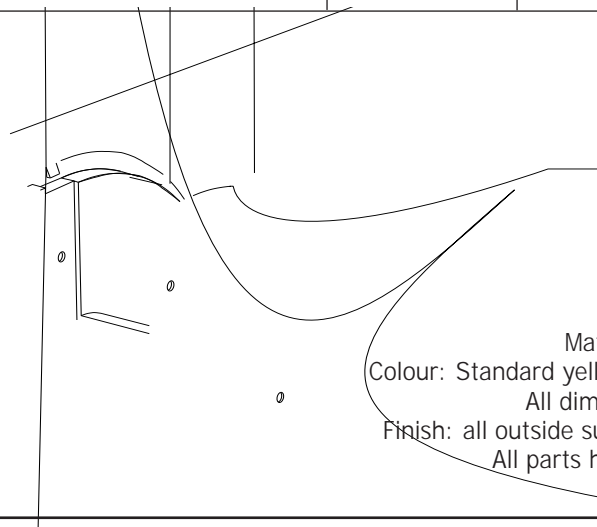
## 90° Vertical Inside (up) Elbow

Part Number		A	B
F-90VIB-55YP	50 x 50	125	60
F-90VIB-1010YP	100 x 100	190	110
F-90VIB-2010YP	200 x 100	190	210



## 90° Vertical Outside (down) Elbow

Part Number		A	B
F-90VOB-55YP	50 x 50	125	60
F-90VOB-1010YP	100 x 100	190	100
F-90VOB-2010YP	200 x 100	190	210



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



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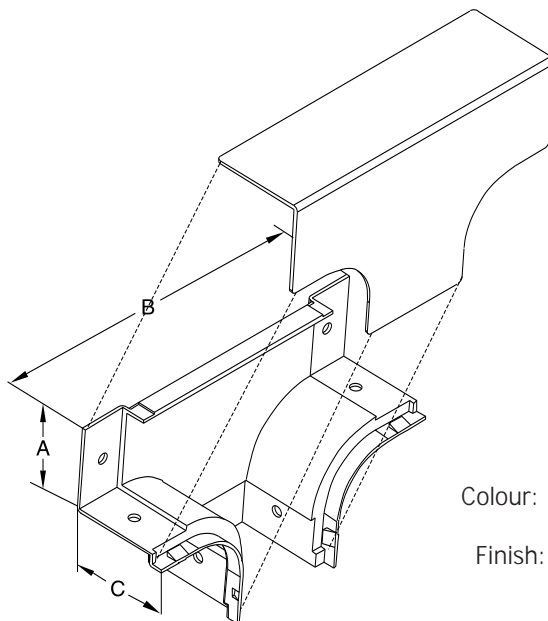
## Horizontal Tee

Part Number	A	B	C
F-HT-55YP 50 x 50	130	210	60
F-HT-1010YP 100 x 100	200	280	110
F-HT-2010YP 200 x 100	340	470	110



## Vertical Tee

Part Number	A	B	C
F-VT-55YP 50 x 50	60	195	60
F-VT-1010YP 100 x 100	110	280	110



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



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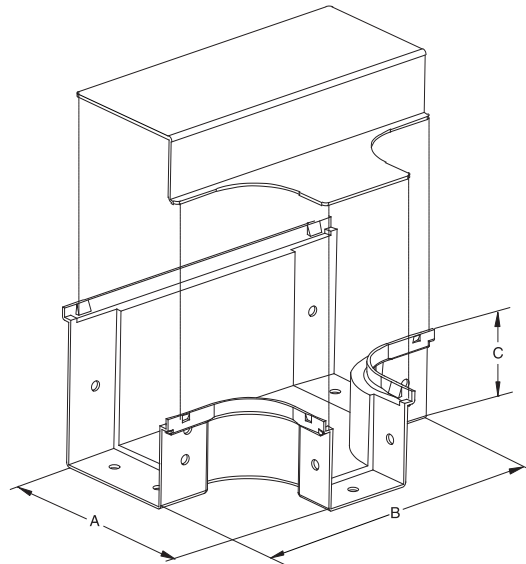
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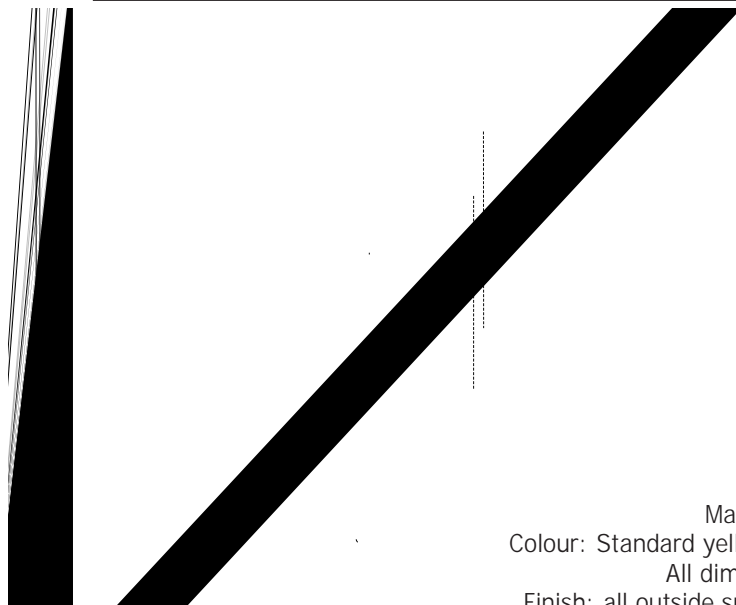
## 100 to 50mm Horizontal Tee Reducer

Part Number	A	B	C
F-HTR-1155YP 100 x 100	180	235	110



## 200 to 100mm Horizontal Tee Reducer

Part Number	A	B	C
F-HTR-2111YP 200 x 100	270	270	110



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



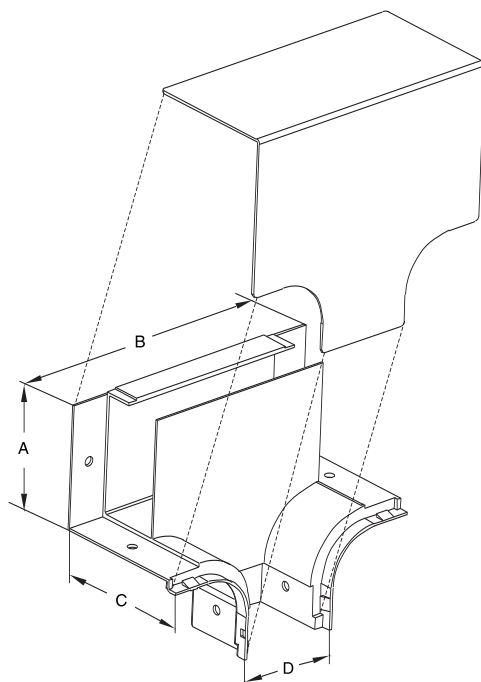
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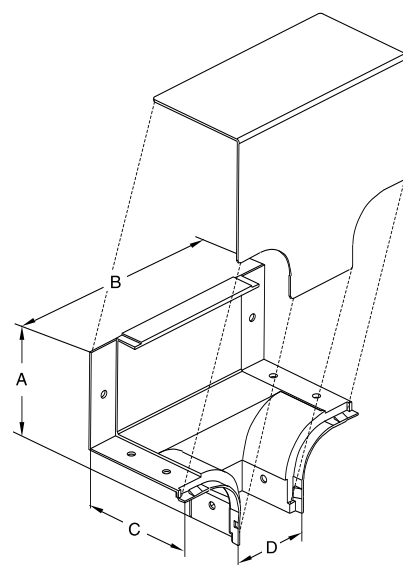
## Vertical Tee Reducer 100 to 50mm

Part Number	A	B	C	D
F-VTRD-1155YP 100 to 50	110	280	110	55



## Vertical Tee Reducer 200 to 100mm

Part Number	A	B	C	D
F-VTR-2111YP 200 to 100	240	370	210	110



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



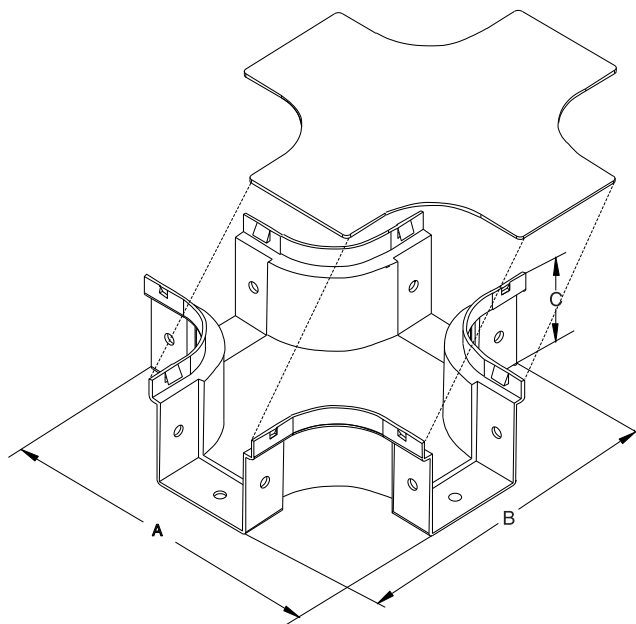
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## 4 Way Cross

Part Number	A	B	C
F-4WC-5555YP 50 x 50	195	195	65
F-4WC-1111YP 100 x 100	275	275	110
F-4WC-2121YP 200 x 100	470	470	110



Notes: relating all products

Material: UL94/V0, Zero Halogen.

Colour: Standard yellow. Other colours on request.

All dimensions are for reference only.

Finish: all outside surfaces have a haircell texture.

All parts have predrilled fastening holes.

Dimensions in mm.



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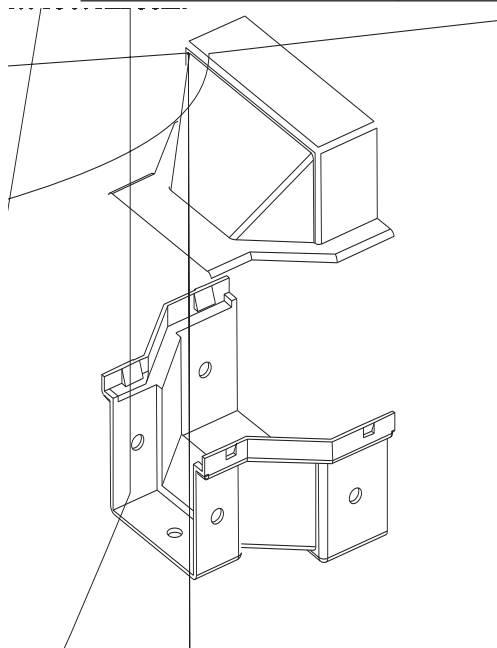
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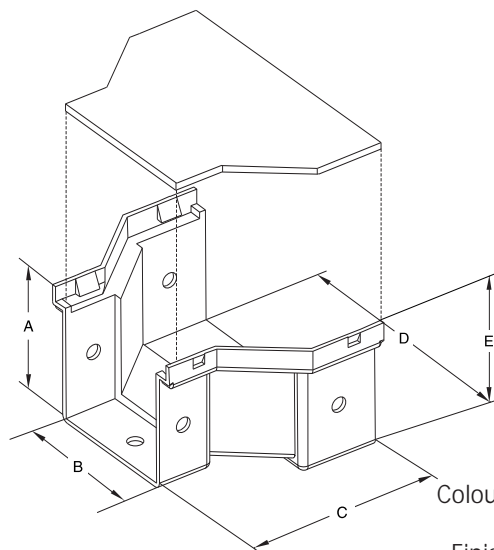
## Reducer 100 to 50mm

Part Number	A	B	C	D	E
F-RE-1155YP 100 to 50	60	60	90	100	110



## Reducer 200 to 100mm

Part Number	A	B	C	D	E
F-RE-2111YP 200 to 100	110	110	150	210	110



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



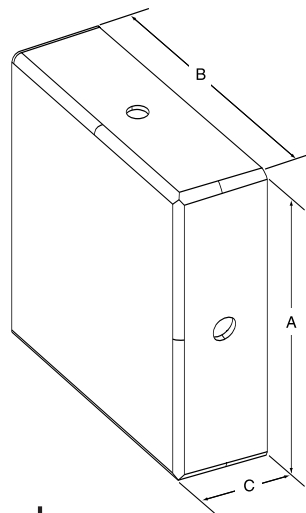
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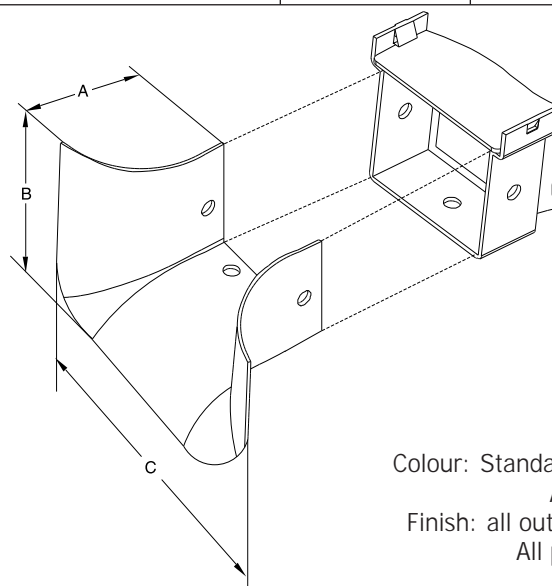
## End Cap

Part Number	A	B	C
F-EC-55YP 50 x 50	60	60	30
F-EC-1010YP 100 x 100	110	110	30
F-EC-2010YP 200 x 100	110	210	30



## Trumpet

Part Number	A	B	C
F-TR-55YP 50 x 50	90	100	100
F-TR-1010YP 100 x 100	90	150	195
F-TR-2010YP 200 x 100	90	150	295



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



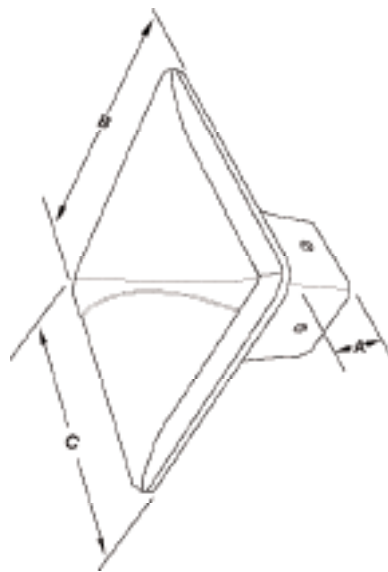
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## 4 Sided Trumpet

Part Number		A	B	C
F-TR4-55YP	50 x 50	90	135	135
F-TR4-1010YP	100 x 100	90	195	195
F-TR4-2010YP	200 x 100	90	195	295



Notes: relating all products

Material: UL94/V0, Zero Halogen.

Colour: Standard yellow. Other colours on request.

All dimensions are for reference only.

Finish: all outside surfaces have a haircell texture.

All parts have predrilled fastening holes.

Dimensions in mm.



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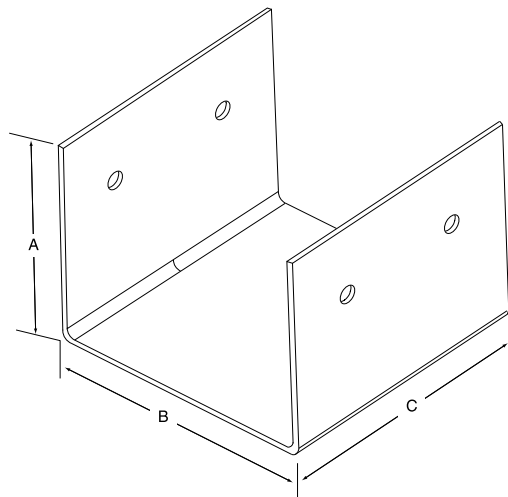
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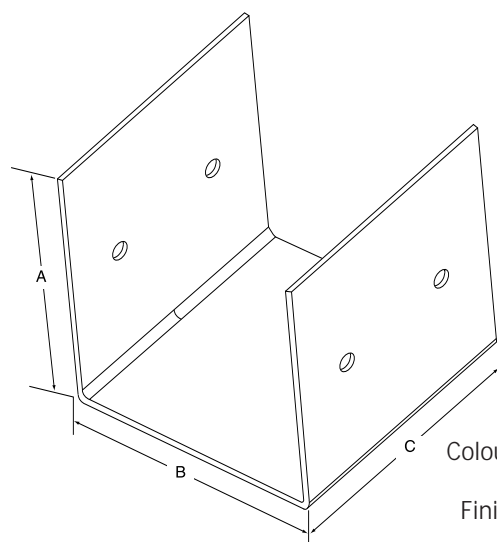
## Ducting Splice

Part Number	A	B	C
F-DS-55YP 50 x 50	35	60	70
F-DS-1010YP 100 x 100	75	110	100
F-DS-2010YP 200 x 100	75	210	100



## Fitting Splice

Part Number	A	B	C
F-FS-55YP 50 x 50	50	50	50
F-FS-1010YP 100 x 100	90	100	70
F-FS-2010YP 200 x 100	90	200	70



Notes: relating all products  
 Material: UL94/V0, Zero Halogen.  
 Colour: Standard yellow. Other colours on request.  
 All dimensions are for reference only.  
 Finish: all outside surfaces have a haircell texture.  
 All parts have predrilled fastening holes.  
 Dimensions in mm.



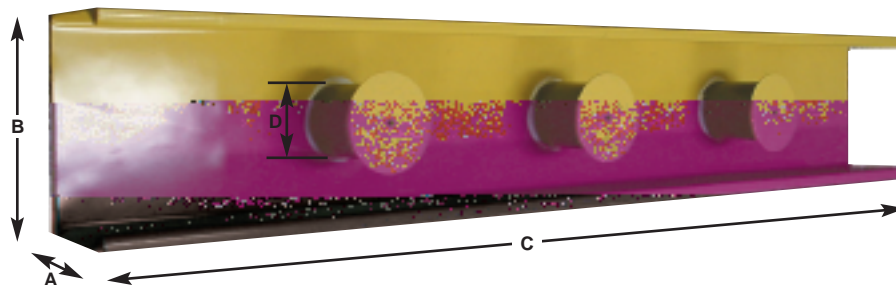
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## Excess Fibre Storage Duct

Part Number	A	B	C	D
F-EFSD-2010YP 200 x 100	100	200	1200	80



Notes: relating all products

Material: UL94/V0, Zero Halogen.

Colour: Standard yellow. Other colours on request.

All dimensions are for reference only.

Finish: all outside surfaces have a haircell texture.

All parts have predrilled fastening holes.

Dimensions in mm.



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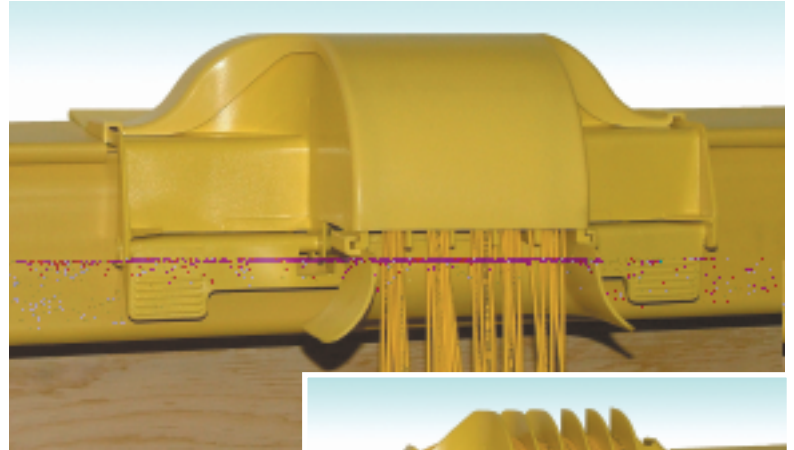
## Fibre Raceway Outlet

GigaCom introduces a non-intrusive fibre optic ducting outlet. The first in a series of revolutionary components, the Fibre Raceway Outlet (FRO) is simply and easily placed over the sidewall of any new or existing channel to create a vertical drop-off from a horizontal run. With full radius control, the fibre outlet safely routes fibres to and from equipment bays or distribution frames.

Unlike most other products, the low-profile, fibre outlet is truly installed with no tools, not even a screwdriver! With only a 50mm profile above the channel's edge, it can be placed anywhere along the sidewall of straight channels.

The differences don't stop there. The outlet and its accessories were created using flame-retardant engineered plastics that not only meets the Bellcore NEBS specification, but also meets the zero-halogen requirements of the European community. All of which makes it a true worldwide solution.

The outlet has a unique two-piece cover with a hinged rear portion that allows users to access express fibres that bypass the outlet, without having to remove the main cover. So express fibres can be added, moved or changed without ever disturbing the fibres inside the outlet.



### Key Features

- No cutting required
- No tools needed
- Total radius control
- Meets UL94V-0
- Zero-halogen material
- Low profile
- Mates with 100mm, 150mm, 200mm & 300mm (4", 6", 8" & 12") channels
- Snap-on covers
- Express fibre hinged cover
- Trumpet flare option
- 50mm x 50mm (2" x 2") and 100mm x 100mm (4" x 4") vertical adapters
- Flex-tube adapter options

### Ordering Information

G-FRO-001	Fibre Raceway Outlet. Includes outlet with tool-free cam lock, main cover and hinging express fibre cover.
G-FRO-TMP	Trumpet for outlet opening
G-FRO-2AD	50mm x 50mm adapter with cover
G-FRO-2FT	50mm x 50mm adapter to 50mm flex tube.
G-FRO-78FT	50mm x 50mm adapter to two, 32mm flex tubes.
G-FRO-4AD	100 x 100mm adapter with cover.
G-FRO-4FT	100 x 100mm adapter to two 50mm flex tube.

Tube/Split Tube also available.

### Product Specifications

Fibre Capacity	200 3mm fibres
Flammability Rating	UL94V-0
Oxygen Index (LOI)	36%



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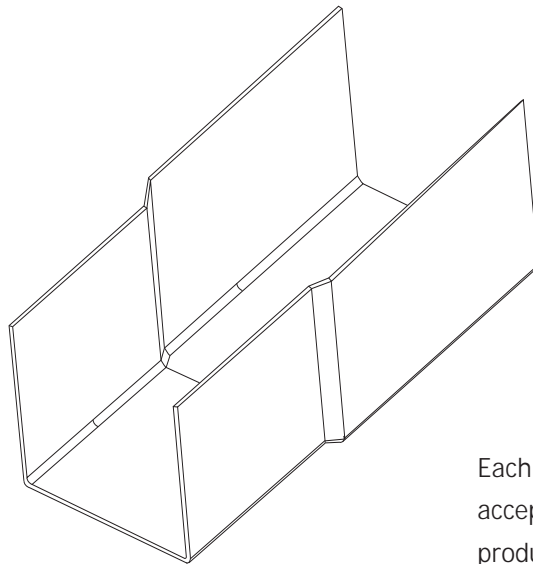
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email: gigacomuk@aol.com • www.gigaduct.com



## Converters

Part Number	From Gigaduct to:
F-ADAC-1010YP	Gigaduct 100mm to ADC 6" Converter Duct to Duct with ADC Connector
F-ADTE-1010YP	Gigaduct 100mm to Telect 100mm Converter Duct to Duct with Telect Connector
F-ADWB-1010YP	Gigaduct 100mm to Warren and Brown/Ray Duct 100mm



Each converter is engineered to accept changes in profile from one product to another.

Notes: relating all products

Material: UL94/V0, Zero Halogen.

Colour: Standard yellow. Other colours on request.

All dimensions are for reference only.

Finish: all outside surfaces have a haircell texture.

All parts have predrilled fastening holes.

Dimensions in mm.



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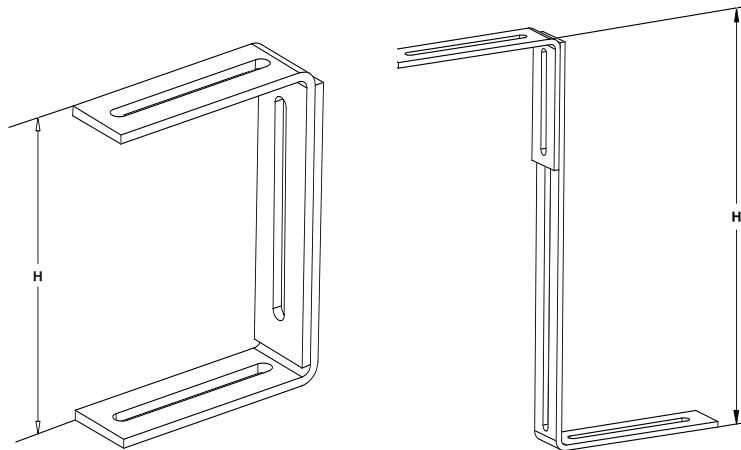
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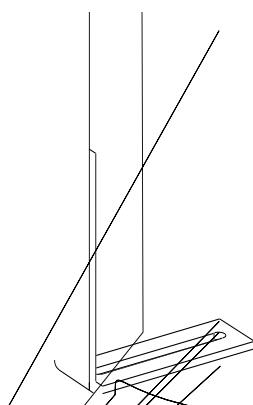
## Universal Bracket Kits

Part Number	Description	Min	Max
F-UBKS-5511	Bracket Kit Short	134	224
F-UBKM-5511	Bracket Kit Medium	130	370
F-UBKL-5511	Bracket Kit Long	370	600



## Ladder Rack Bracket Kits

Part Number	Description	Min	Max
F-LRKS-5511			



Material: Mild Steel,  
4mm thick x 25mm wide  
Zinc Plated and  
Passivated.  
All dimensions are for  
reference only.  
Dimensions in mm.



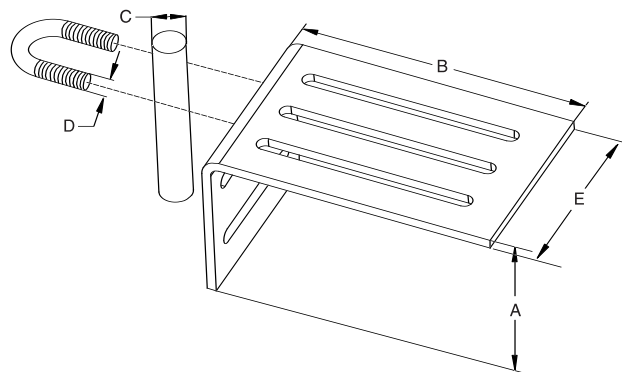
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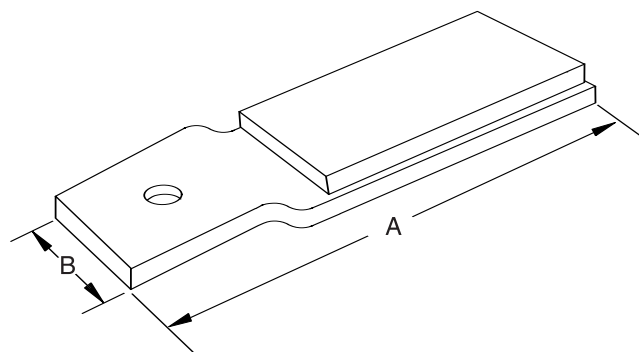
## Under Floor Mounting Kit

Part Number	A	B	C	D	E
F-UFMK-5511	70	130	25 MAX	M6	75



## Direct Ladder Rack Mounting Bracket

Part Number	A	B
F-DLRB-100	100	25



Material: Mild Steel,  
Zinc Plated and  
Passivated.  
All dimensions are for  
reference only.  
Dimensions in mm.



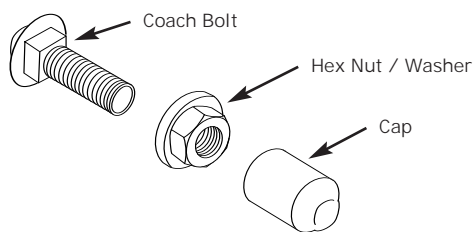
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## Fixings

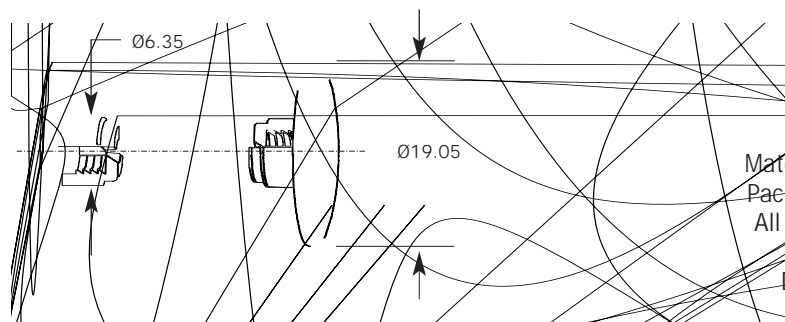
Part Number	Description
F-CBNK-20	M6 x 20mm Coach Bolt, Flange Nut Kit
F-CB-20	M6 x 20mm Coach Bolt
F-N-Metal	M6 Flange Nut
F-FCM10-Y	Bolt and Nut Cap



Material: Steel, Zinc Plated and Passivated.  
 Cap: Yellow PVC  
 Pack Size: 100 pieces  
 All dimensions are for reference only.  
 Dimensions in mm.

## Rivets

Part Number	Description
F-PBR-B	Plastic Barbed Rivet



Material: Black Plastic.  
 Pack Size: 100 pieces.  
 All dimensions are for reference only.  
 Dimensions in mm.



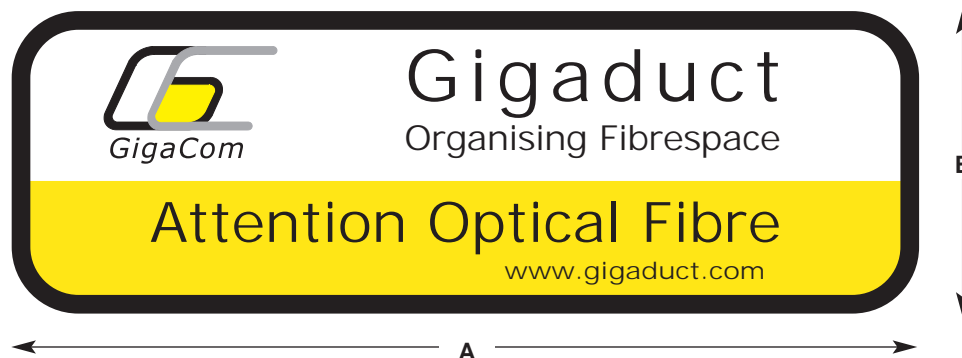
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## Labels

Part Number	A	B
F-LAOF-120	120	40



Material: Adhesive Vinyl  
All dimensions are for reference only.  
Finish: Smooth  
Dimensions in mm.  
Sold in sheets of 8.



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