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DATACENTER Ducting System.



Consider the following system features:

- Halogen Free
- Easy and fast installation
- Total supported Fibre protection
- Flexible, Scalable & Modular
- Dedicated tools for on-site adjustments& installations

Seven basic elements

- Seven basic elements to form a perfect fiber Optic ducting raceway
- All elements are halogen Free, fire retardant plastic, metal free, RoHS and zero dust
- Certified UL2024A standard

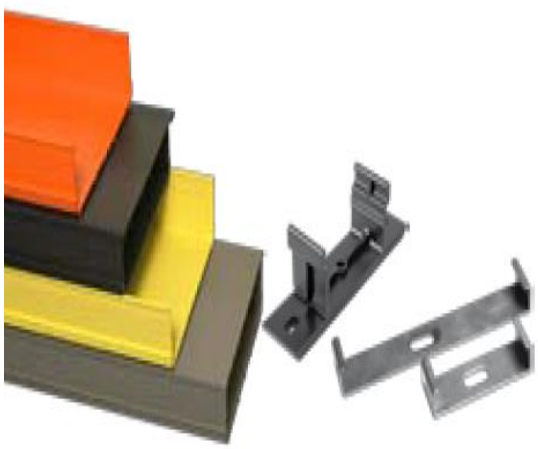


Only yellow?

- No, but yellow is standard
- Orange, black and grey are available
- Duct sizes: 30x30, 50x50, 100x100, 100x50, 220x100 and 300x100mm

Universal Mounting

Click-In halogen free Plastic Bracket
For Rack Mount or Under Floor
Mounting and Universal Mounting
Brackets for Mounting on any metal
Construction



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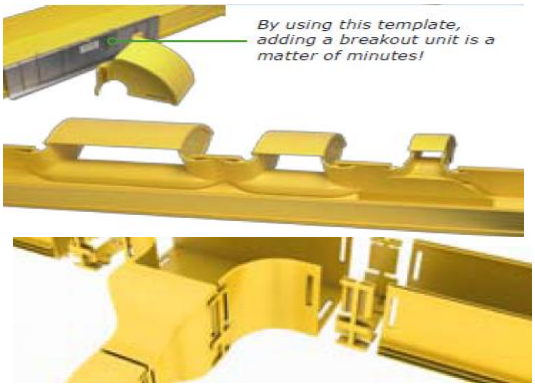
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New row of racks?

Simply add a new breakout to the existing duct
More and more cables per rack, Easily replace the smaller outlets with larger ones



Easy installation

Yellow Duct joiners are used to
Snap together all system components.
They simply snap into the slots in the end
Of each piece to be joined

The Application

No matter how simple or complex your system Is, a 300mm system can fit up to 3400 cables
Countless possibilities and configuration Options form a complete and dynamic system
This system can handle every application and can be mounted above or under the Floor

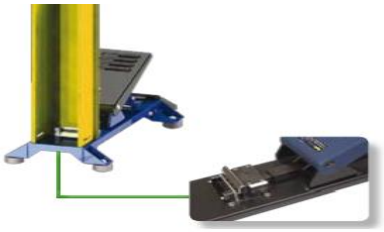


General fibre protection

Optic fiber is totally supported with no free hanging inside the duct
Fixed and flexible tubes safely transport the fibers to the cabinets
A 100% guaranteed bending radius protection

On-Site modifications

Fast and easy slotting after adaption of lengths with the Hydraulic hand operated tool, or the new foot operated slotter. 4 slots in less than 1 minute with the footslotter



Main Fiber Ducting & Covers

Modern raceway systems are the ideal platform for integrating an ever greater number of fiber optic connections. The Raceway System is an end-to-end solution on a modular basis for discerning customers. Quick mounting technology, simple planning and a well thought out, lean range are obvious benefits. These advantages of the Raceway System help reduce assembly and maintenance by up to 50%.



Material Specification

The main duct consists of one single blow-molded piece.
Color: Yellow.
Material: Plastic PC/ABS (halogen-free, flame-retardant).
Length of Duct: 1/ 2m on request.



FEATURES & BENEFITS

Modular principle facilitates promising expansions with snap in assembly
All-round protection for fiber optic connections thanks to optimal routing and shielding.
Environmentally friendly materials – halogen-free, flame-retardant and UV-resistant (UL94 V-0, UL2024).

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Guaranteed 30mm bending radius ensures constant stable signal transmission.
The efforts and costs of assembly and maintenance can be reduced by up to 50%.

Part Number	Description
D1010TR1	Fiber Ducting Trunk 100mm x 100mm x 1m
D1010TR2	Fiber Ducting Trunk 100mm x 100mm x 2m
D10TRCV1	Fiber Ducting Trunk Cover 100mm x 1m
D10TRCV2	Fiber Ducting Trunk Cover 100mm x 2m
D1016TR1	Fiber Ducting Trunk 100mm x 160mm x 1m
D1016TR2	Fiber Ducting Trunk 100mm x 160mm x 2m
D16TRCV1	Fiber Ducting Trunk Cover 160mm x 1m
D16TRCV2	Fiber Ducting Trunk Cover 160mm x 2m
D1022TR1	Fiber Ducting Trunk 100mm x 220mm x 1m
D1022TR2	Fiber Ducting Trunk 100mm x 220mm x 2m
D22TRCV1	Fiber Ducting Trunk Cover 220mm x 1m
D22TRCV2	Fiber Ducting Trunk Cover 220mm x 2m
D1030TR1	Fiber Ducting Trunk 100mm x 300mm x 1m
D1030TR2	Fiber Ducting Trunk 100mm x 300mm x 2m
D30TRCV1	Fiber Ducting Trunk Cover 300mm x 1m
D30TRCV2	Fiber Ducting Trunk Cover 300mm x 2m

Horizontal Crosses & Covers



Allows the connection of four fiber ducting pathways.
Connected to fiber ducting trunks using joiners.

Part Number	Description
D1010XAG	Four Way Ducting Cross 100mm
D1610XAG	Four Way Ducting Cross 160mm
D2210XAG	Four Way Ducting Cross 220mm
D3010XAG	Four Way Ducting Cross 300mm
D1010XCV	Four Way Ducting Cross Cover 100mm
D1610XCV	Four Way Ducting Cross Cover 160mm
D2210XCV	Four Way Ducting Cross Cover 220mm
D3010XCV	Four Way Ducting Cross Cover 300mm

Horizontal Tee Sections & Covers



Used to branch off main fiber ducting route.
Connected using joiners.

Part Number	Description
D1010TAG	Three Way T-Junction Duct 100mm
D1610TAG	Three Way T-Junction Duct 160mm
D2210TAG	Three Way T-Junction Duct 220mm
D3010TAG	Three Way T-Junction Duct 300mm
D1010TCV	Three Way T-Junction Duct Cover 100mm
D1610TCV	Three Way T-Junction Duct Cover 160mm
D2210TCV	Three Way T-Junction Duct Cover 220mm
D3010TCV	Three Way T-Junction Duct Cover 300mm

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Horizontal Elbows & Covers

Enables horizontal fiber pathways to change direction.
Connects to other ducting components using joiners.



Part Number	Description
D1045RAG	Horizontal Elbow Duct 45° 100mm
D1645RAG	Horizontal Elbow Duct 45° 160mm
D2245RAG	Horizontal Elbow Duct 45° 220mm
D3045RAG	Horizontal Elbow Duct 45° 300mm
D1090RAG	Horizontal Elbow Duct 90° 100mm
D1690RAG	Horizontal Elbow Duct 90° 160mm
D2290RAG	Horizontal Elbow Duct 90° 220mm
D3090RAG	Horizontal Elbow Duct 90° 300mm
D1045RCV	Horizontal Elbow Duct Cover 45° 100mm
D1645RCV	Horizontal Elbow Duct Cover 45° 160mm
D2245RCV	Horizontal Elbow Duct Cover 45° 220mm
D3045RCV	Horizontal Elbow Duct Cover 45° 300mm
D1090RCV	Horizontal Elbow Duct Cover 90° 100mm
D1690RCV	Horizontal Elbow Duct Cover 90° 160mm
D2290RCV	Horizontal Elbow Duct Cover 90° 220mm
D3090RCV	Horizontal Elbow Duct Cover 90° 300mm

Vertical down Elbows & Covers

Enables the fiber ducting to transform into a downward direction.
Uses joiners for connection.



Part Number	Description
D1045DAG	Vertical down Elbow Duct 45° 100mm
D1645DAG	Vertical down Elbow Duct 45° 160mm
D2245DAG	Vertical down Elbow Duct 45° 220mm
D3045DAG	Vertical down Elbow Duct 45° 300mm
D1090DAG	Vertical down Elbow Duct 90° 100mm
D1690DAG	Vertical down Elbow Duct 90° 160mm
D2290DAG	Vertical down Elbow Duct 90° 220mm
D3090DAG	Vertical down Elbow Duct 90° 300mm
D1045DCV	Vertical down Elbow Duct Cover 45° 100mm
D1645DCV	Vertical down Elbow Duct Cover 45° 160mm
D2245DCV	Vertical down Elbow Duct Cover 45° 220mm
D3045DCV	Vertical down Elbow Duct Cover 45° 300mm
D1090DCV	Vertical down Elbow Duct Cover 90° 100mm
D1690DCV	Vertical down Elbow Duct Cover 90° 160mm
D2290DCV	Vertical down Elbow Duct Cover 90° 220mm
D3090DCV	Vertical down Elbow Duct Cover 90° 300mm

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Vertical up Elbows & Covers





Allows the fiber ducting to change direction upwards.
Jointer connection to other components.

Part Number	Description
D1045UAG	Vertical up Elbow Duct 45° 100mm
D1645UAG	Vertical up Elbow Duct 45° 160mm
D2245UAG	Vertical up Elbow Duct 45° 220mm
D3045UAG	Vertical up Elbow Duct 45° 300mm
D1090UAG	Vertical up Elbow Duct 90° 100mm
D1690UAG	Vertical up Elbow Duct 90° 160mm
D2290UAG	Vertical up Elbow Duct 90° 220mm
D3090UAG	Vertical up Elbow Duct 90° 300mm
D1045UCV	Vertical up Elbow Duct Cover 45° 100mm
D1645UCV	Vertical up Elbow Duct Cover 45° 160mm
D2245UCV	Vertical up Elbow Duct Cover 45° 220mm
D3045UCV	Vertical up Elbow Duct Cover 45° 300mm
D1090UCV	Vertical up Elbow Duct Cover 90° 100mm
D1690UCV	Vertical up Elbow Duct Cover 90° 160mm
D2290UCV	Vertical up Elbow Duct Cover 90° 220mm
D3090UCV	Vertical up Elbow Duct Cover 90° 300mm

Top Outlet & Cover



Top Outlet allows cables to branch out of main fiber duct.
Can be placed at any user defined position on main fiber duct.

Part Number	Description
D10OUT	Top Outlet 100x100mm
D10OUTCV	Top Outlet Cover 100x100mm
D10OUT	Vertical Top Outlet 100x100mm
D10OUTCV	Vertical Top Outlet Cover 100x100mm

Trumpet Outlet



For creating an opening at the end of a horizontal or vertical route.
Connects using Joiner.

Part Number	Description
D10TRUMP	Trumpet Outlet 100mm
D16TRUMP	Trumpet Outlet 160mm

Reducers & Covers



Used to connect different sizes of fiber ducting.
Requires the use of joiners to connecting to the fiber ducting.

Part Number	Description
D16-10R	Reducer 160mm to 100mm
D16-10RCV	Reducer Cover 160mm to 100mm
D22-16R	Reducer 220mm to 160mm
D22-16RCV	Reducer Cover 220mm to 160mm
D30-16R	Reducer 300mm to 160mm
D30-16RCV	Reducer Cover 300mm to 160mm

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End Caps

End caps are used to seal off the ends of fiber ducting horizontal or vertical routes.



Part Number	Description
D10CAP	End Cap 100mm
D16CAP	End Cap 160mm
D22CAP	End Cap 220mm
D30CAP	End Cap 300mm

Joiners

Joiners are used to connect main fiber ducts to elbows, junctions and outlets.
Supplied with retaining screws.



Part Number	Description
D10JOIN	Joiner Coupler 100x100mm
D16JOIN	Joiner Coupler 100x160mm
D22JOIN	Joiner Coupler 100x220mm
D30JOIN	Joiner Coupler 100x300mm

Fiber Ducting Accessories

Support brackets for top outlet.
Fastening bolts for connecting support brackets.



Part Number	Description
DBOLT	Fastening Bolt
DKIT	Extension Support Kit

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