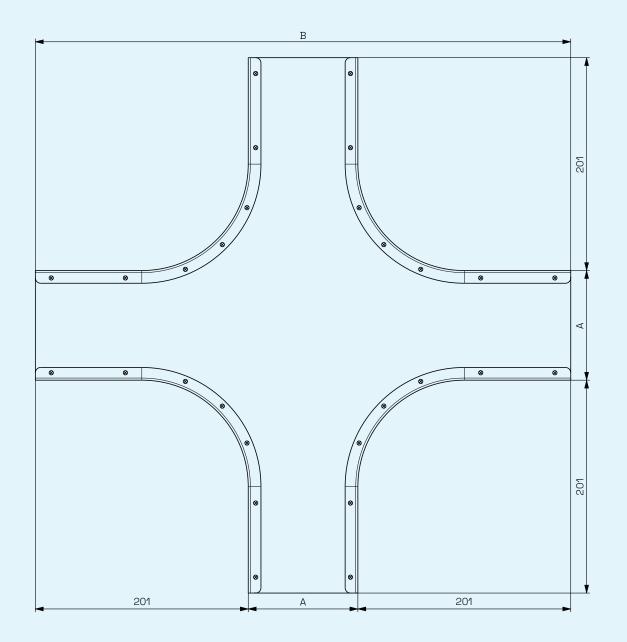
STAGO FIBRE-OPTIC DUCT SYSTEM CATALOGUE

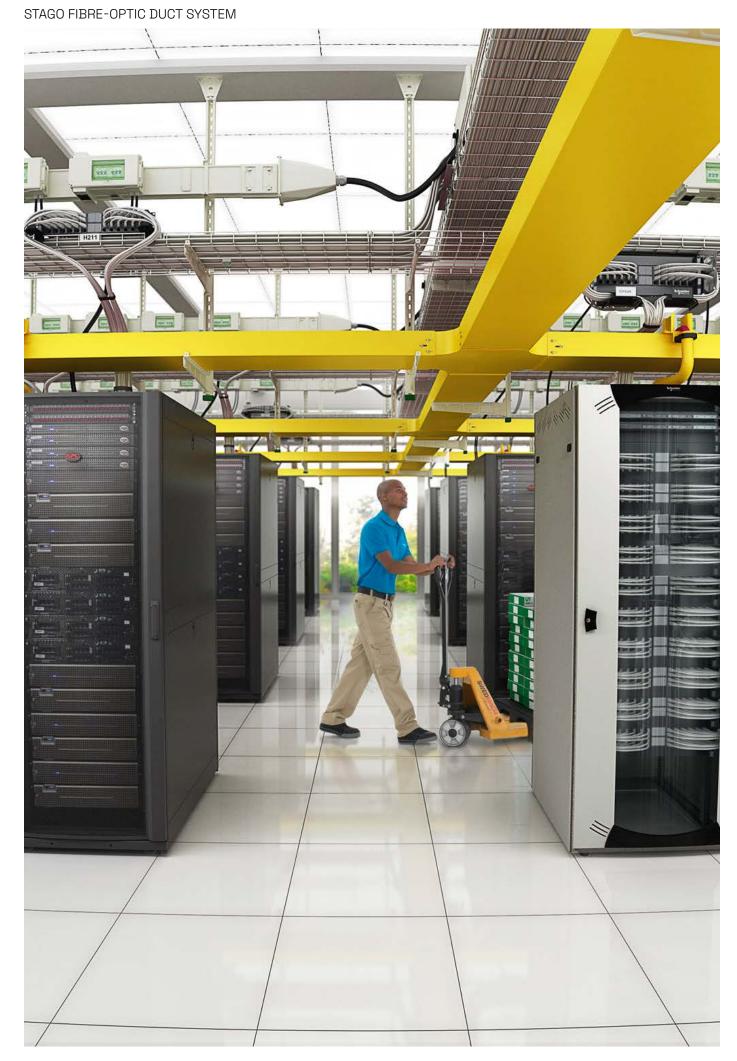




Creating clever, uplifting solutions, together with our clients for almost 100 years. Reimagined in June 2021 – for the coming century.

Stago – the broadest metal cable tray range with the most clickable components providing a fast and efficient solution for a multitude of applications. Also well known for the innovate yellow fibre optic duct system.





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Working together for full-scale effect of the infrastructure

Network solutions

A large-scale Data Centre means large-scale cable management. Our wide range of fibre ducts and mesh trays provides flawless orderliness as well as easy adjustment and maintenance.

Stago Fibre-Optic Duct – smooth, robust and versatile

In the Data Centre, rows and rows of smooth and robust fibre ducts provide safe and reliable distribution of sensitive cables. These sturdy steel ducts come with a wide range of accessories – bends, risers, junctions, reducers, and drop-offs. All designed to handle the most complex configurations, always with excellent protection of the cables.

Defem Mesh Tray – flexible and lightweight

The mesh trays, with dedicated accessories and support systems, are excellent for the routing of huge amounts of copper-based data cables. Easily assembled with impressive capacity and long support distances, the mesh tray range reach from wide, heavy-duty versions to the flexible mini mesh, ideal for tricky installations in narrow spaces.





From here on this brochure presents the details. Because at the end of the day, it is the details that determine whether the Data Centre infrastructure will contribute to a successful life cycle – or if a coming infarct is a built-in mistake from birth.

Power solutions

A reliable, efficient power supply system is the backbone of the Data Centre. As needs are in constant change, the power solution must be as reliable as it is flexible.

Wibe Ladders – light, strong and dependable

As part of one of the most comprehensive cable support solutions on the market, Wibe cable ladders can be mounted in any direction or angle, distributing the cables safely and efficiently throughout the building. Maintenance is carried out with little effort, in a work environment that provides both superb accessibility and overview. STAGO FIBRE-OPTIC DUCT SYSTEM





Stago Fibre-Optic Duct A dynamic and durable carrier

The "White space" is the heart of the Data Centre. The hub where millions of tiny fibre optic cables connect at the speed of light. Constantly On and evolving in pace with increasing demands, impersonating the term "living being".

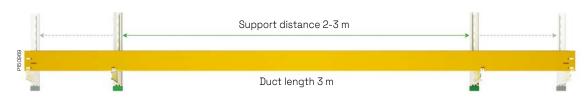
> The Stago Fibre-Optic Ducts are the carriers of all heavy traffic in the Data Centre. Stable and strong, they are ready to perform. And once mounted, they will last and always be ready to evolve for new, unpredictable demands.

The evolving system

Quick and easy to install, made for continuous development – always avoiding downtime. Swiftly adaptable to changing needs thanks to modular, tool-less accessories. A true "plug & play" concept.

With efficiency in mind

A sturdy and robust steel system that allows long support distances without sagging, thus saving mounting time. And the consoles with one side open for cable management saves cabling and maintenance time. By suiting all ducts, ladders and busbars, the support system is both rational and economical.



The Stago Fibre-Optic Duct is all metal and carries a higher load compared to non-metal systems. This means longer spans, minimised support, no sagging - and an overall more efficient and easily expandable installation.

Ideal rail lengths

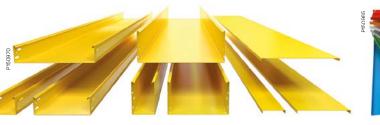
The 3-m duct is optimised for fast but non-heavy mounting. Add smart modular covers and support distances up to 3 m and you have a high-speed installation.

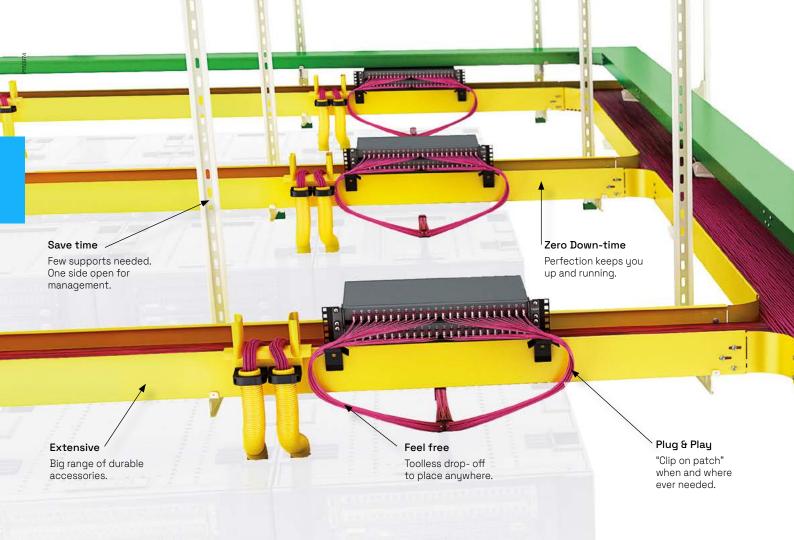
Suitable dimensions

Stago FO ducts are available in heights of 60 or 110 mm, and widths of 100, 200, or 300 mm. All with the same smooth and soft shape.

More than yellow

Standard colour of the ducting is yellow, RAL 1023. Other colours can be delivered on special order.





Drop-off UDF

Tooless installation – the UDFs ensure safe radius for the FO cables and can be moved sidewise to fit enclosure intake. Easily slided to meet new needs. Available in three sizes.

Dividable tube

The dividable tube provides a very neat and tidy solution for guiding the fibre and UTP down to the cabinet. Black colour is standard, yellow can be delivered on request.

Modular covers

Often the installation requires a cover. As there are different sizes of covers available, all types of installations can be fully covered with maintained accessibility.

Optimised support system

The single pendant support with robust consoles leaves one side open, allowing fast and easy cable management. Suits all types of cable support and busbars.















Stago Fibre-Optic Duct High-performance management

It's crucial to carefully handle the fibre not to damage it or lose performance. But equally important is that the system is truly future-proof and competent enough to evolve smoothly and reliably.

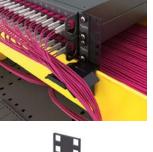
> Every component of the Stago FO Duct range is designed and developed with the same passionate care about both the fibre and the management. No matter how complex the configuration is, our ambition is that you do not have to worry about what is already installed, because it just works. Instead you can enjoy the easiness of further development of the plant to create new opportunities.

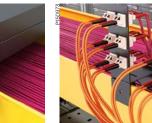
All in all, Stago FO Duct system is built to last and develop. Versatile, flexible and durable.

Clip-on panel bracket

The tool-less patch panel attachment with clip-ontop significantly reduces down-time.







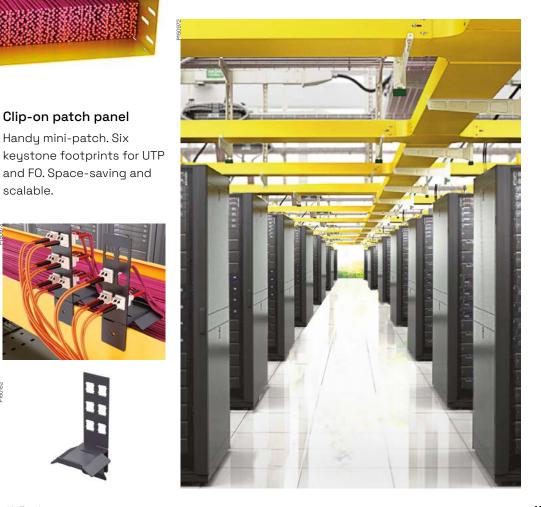
scalable.



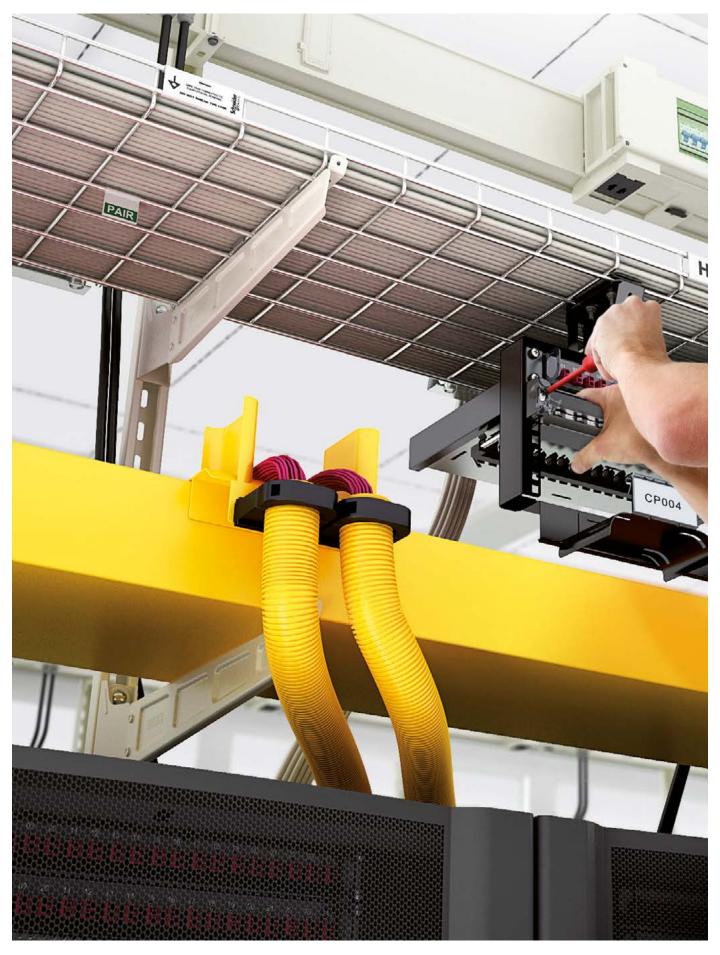
Clip-on patch panel

Handy mini-patch. Six

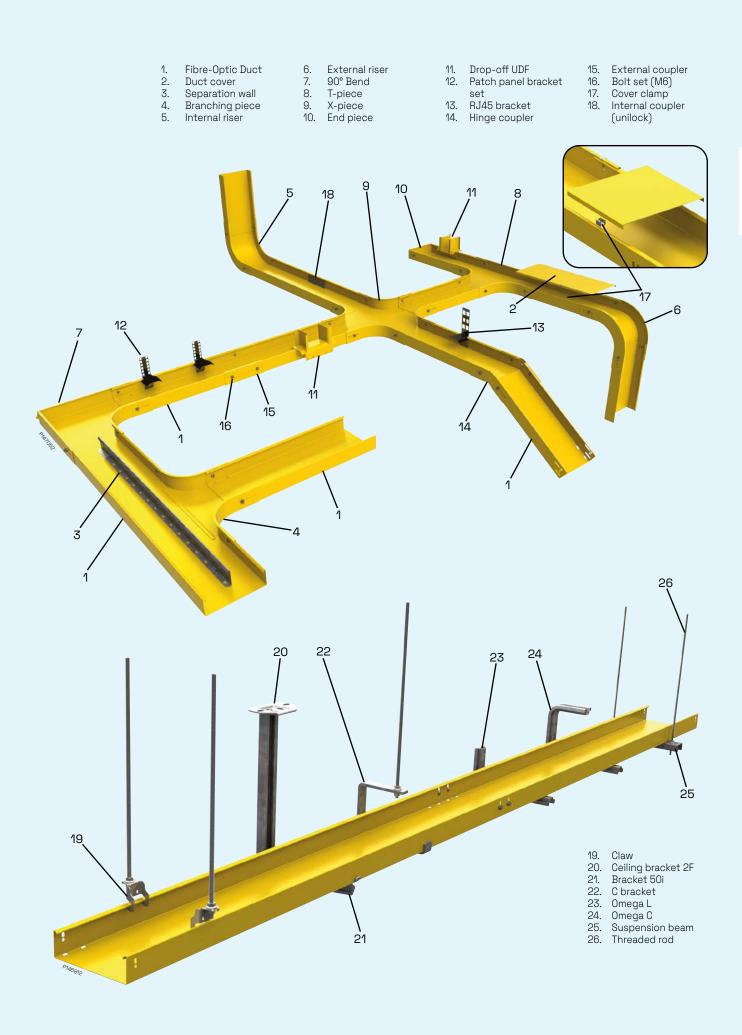
and FO. Space-saving and



Mounting







Length material

Duct Type

Dimensions Height x Width x Length (mm)

Weight (g) Cat. no.

Metallic Fibre-Optic Duct for routing cables throughout the system. 3 meter length material ensures efficient system installation. Designed with rounded safety edges to protect cables. Connect individual lengths by using internal or external couplers and M6x16 bolts, nuts & star washers. Material: steel, pre-galvanized, powder coated RAL1023.

46889	Height = 60 mm		н	w	L					
P14	Fibre-Optic Duct	100	60	100	3000	5801	CSU7600104FS123			
		200	60	200	3000	8228	CSU7600204FS123			
		300	60	300	3000	10 655	CSU7600304FS123			
	Height = 110 mm		н	w	L					
	Fibre-Optic Duct	100	440	100	7000		0011740040450407			
	Fibre-optic Duct	100	110	100	3000	8228	CSU7100104FS123			
	Fible-optic Duct	200	110	200	3000	8228 10 655	CSU7100104FS123			
	Hore-optic Duct									

Duct cover

Туре

Dimensions Height x Width x Length (mm) We

Weight (g) Cat. no.

Optional cover can be mounted for enhanced cable protection. Delivered in 2 m length. Snap-on fixation to the Fibre-Optic Duct by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.

P10201	For height = 60 mm	and 110 mm	н	W	L		
	Duct cover	100	10	100	2000	1571	CSU0816113FS123
		200	10	200	2000	2875	CSU0816303FS123
		300	10	300	2000	5178	CSU0816433FS123

Separation wall

Туре	Dimensions Height x Width x Length (mm)	Weight (g)	Cat. no.
Optional separation wall to be able to create separate co	moartments in the Fibre-Ontic Duct length material Fi	v to the Fibre-Ont	ic Duct bu using M6x16

Uptional separation wall to be able to create separate compartments in the Fibre-Uptic Juct length material. Fix to the Fibre-Uptic Juct by using M6x'16 bolts, nuts & star washers. Material: steel, pre-galvanized.

	Height = 60 mm	н	w	L		
Sep	Separation wall	55	20	3000	1473	CSU76020000
	Height = 110 mm	н	w	L		
and a second	Separation wall	105	20	3000	2382	CSU71020000



Form piece

90° bend									
Туре			Dimensions H	eight x Width x	Length (mm)	Weight (g)	Cat. no.		
Can be used to construct horizontal 90° direction changes at any desired position in the fibre duct. Use M6x16 bolts, nuts & star washers to fix to t duct. Material: steel, pre-galvanized, powder coated RAL1023.									
P147046	Height = 60 mm		н	w	L				
P14	90° bend	100	62	303	303	1036	CSU08616109FS123		
		200	62	403	403	1637	CSU08616209FS123		
***		300	62	503	503	2328	CSU08616309FS123		
	Height = 110 mm		н	w	L				
	90° bend	100	112	303	303	1472	CSU08611109FS123		
		200	112	403	403	2073	CSU08611209FS123		
		300	112	503	503	2764	CSU08611309FS123		

90° bend cover

Type

Dimensions Height x Width x Length (mm) Weight (g)

Cat. no.

Optional 90° bend cover for enhanced cable protection. Snap-on fixation to the form piece by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.

For height = 60 mm and 1		110 mm	н	W	L					
<u>44</u>	90° bend cover	100	10	304	304	440	CSU08510109FS123			
		200	10	404	404	797	CSU08510209FS123			
		300	10	504	504	1254	CSU08510309FS123			

Adjustable corner piece

Туре

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Can be used to construct variable horizontal bends in the fibre duct system. Use M6x16 bolts, nuts & star washers to fix to the duct. Material: steel, pre-galvanized,



, powder coated RAL1023.						
Height = 60 mm		н	w	L		
Adjustable corner piece	100	56	340	340	128	CSU08736109FS123
	200	56	440	440	500	CSU08736209FS123
	300	56	540	540	759	CSU08736309FS123
Height = 110 mm		н	w	L		
Adjustable	100	106	340	340	805	CSU08731109FS123
corner piece	200	106	440	440	1258	CSU08731209FS123
	300	106	540	540	1700	CSU08731309FS123

Universal branching piece

Type

247050

Dimensions Height x Width x Length (mm) Weight (g) Cat. no. Can be used to construct perpendicular branches at any desired position in the fibre duct. Use M6x16 bolts, nuts & star washers to fix to the duct. Material: steel, pre-galvanized, powder coated RAL1023

tenal: steel, pre-galvanized, powder coated RAC1025.									
	Height = 60 mm		н	w	L				
	Universal	100	62	225	503	647	CSU08716109FS123		
	branching piece	200	62	225	603	774	CSU08716209FS123		
		300	62	225	703	903	CSU08716309FS123		
	Height = 110 mm		н	w	L				
	Universal branching piece	100	112	225	503	1016	CSU08711109FS123		
		200	112	225	603	1143	CSU08711209FS123		
		300	112	225	703	1272	CSU08711309FS123		

Universal branching piece cover

Туре Dimensions Height x Width x Length (mm) Weight (g) Cat. no. Optional branching piece cover for enhanced cable protection. Snap-on fixation to the form piece by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.

Ри2049	For height = 60 mm and 110 mm		н	w	L		
	Universal branching piece cover	100	10	223	504	325	CSU08580109FS123
		200	10	223	604	399	CSU08580209FS123
		300	10	223	704	474	CSU08580309FS123

Form piece (cont.)

T-piece									
Туре			Dimensions	Height x Wid	th x Length (mm)	Weight (g)	Cat. no.		
Can be used to construct horizontal T-intersections at any desired position in the fibre duct. Use M6x16 bolts, nuts & star washers to fix to the duct. Material: steel, pre-galvanized, powder coated RAL1023.									
47/054	Height = 60 mm		н	W	L				
Pidi	T-piece	100	62	301	504	1012	CSU08626109FS123		
		200	62	401	604	1673	CSU08626209FS123		
		300	62	501	704	2353	CSU08626309FS123		
	Height = 110 mm		н	w	L				
	T-piece	100	112	301	504	1444	CSU08621109FS123		
		200	112	401	604	2105	CSU08621209FS123		
		300	112	501	704	2785	CSU08621309FS123		

T-piece cover

Туре

Dimensions Height x Width x Length (mm) Weight (g)

Optional T-piece cover for enhanced cable protection. Snap-on fixation to the form piece by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.

1053	For height = 60 mm and 110 mm		н	W	L		
£	T-piece cover	100	10	305	504	641	CSU08520109FS123
		200	10	405	604	1049	CSU08520209FS123
		300	10	505	704	1547	CSU08520309FS123

X-piece

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Can be used to construct horizontal cross intersections at any desired position in the fibre duct. Use M6x16 bolts, nuts & star washers to fix to the duct. Material: steel, pre-galvanized, powder coated RAL1023.

-	2 I I						
	Height = 60 mm		н	W	L		
K	X-piece	100	62	504	504	1506	CSU08636109FS123
		200	62	604	604	2133	CSU08636209FS123
		300	62	704	704	2873	CSU08636309FS123
	Height = 110 mm		н	W	L		
	X-piece	100	112	504	504	2028	CSU08631109FS123
		200	112	604	604	2655	CSU08631209FS123
		LOO		001	001		
		300	112	704	704	3395	CSU08631309FS123

X-piece cover Type Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Optional X-piece cover for enhanced cable protection. Snap-on fixation to the form piece by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.

Material eteol, pro garanzea, powder obated intereze.													
7055	For height = 60 mm and	н	W	L									
P14	X-piece cover	100	10	504	504	975	CSU08530109FS123						
		200	10	604	604	1300	CSU08530209FS123						
		300	10	704	704	1802	CSU08530309FS123						

Cat. no.

Form piece (cont.)

Reducing cross piece										
Туре		Dimensio	ons Height x Wic	ith x Length (mm)	Weight (g)	Cat. no.				
Can be used to construct horizontal cross intersections between ducts of different widths at any desired position in the installation. Use M6x16 bolts, nuts & star washers to fix to the duct. Material: steel, pre-galvanized, powder coated RAL1023.										
7048	Height = 60 mm	н	w	L						

-	Height = 60 mm		н	VV	L		
0	Reducing cross piece	300-100	62	505.5	705	2490	CSU0863610309FS123
-		300-200	62	605.5	705	3050	CSU0863620309FS123
	Height = 110 mm		н	w	L		
	Reducing cross piece	300-100	112	505.5	705	3030	CSU0863110309FS123
		300-200	112	605.5	705	3590	CSU0863120309FS123

Reducing cross piece cover

Туре			Dimensions H	eight x Width x	Length (mm)	Weight (g)	Cat. no.					
Optional reducing X-piece cover for enhanced cable protection. Snap-on fixation to the form piece by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.												
7047	For height = 60 mm and	110 mm	н	w	L							
Pr4	Reducing cross piece	300-100	10	505.5	705	1662	CSU0853010309FS123					
	cover	300-200	10	605.5	705	2216	CSU0853020309FS123					

Internal riser

Туре

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Can be used to construct vertical 90° upwards direction changes at any desired position in the fibre duct. Use M6x16 bolts, nuts & star washers to fix to the duct. Material: steel, pre-galvanized, powder coated RAL1023.

ie gairaine	ea, portaol ocatoa in Eloi	-0.					
	Height = 60 mm		н	W	L		
	Internal riser	100	280	100	280	677	CSU08646109FS123
111		200	280	200	280	1310	CSU08646209FS123
		300	280	300	280	1944	CSU08646309FS123
	Height = 110 mm		н	W	L		
	Internal riser	100	333	100	333	1207	CSU08641109FS123
		200	333	200	333	1841	CSU08641209FS123
		300	333	300	333	2475	CSU08641309FS123

Internal riser cover

Туре

Dimensions Height x Width x Length (mm) Weight (g)

Cat. no.

Optional internal riser cover for enhanced cable protection. Snap-on fixation to the form piece by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.

6798	For height = 60 mm and 110 mm		Н	w	L		
P44	Internal riser cover	100	225	100	225	316	CSU08540109FS123
A second h		200	225	200	225	632	CSU08540209FS123
		300	225	300	225	948	CSU08540309FS123

Form piece (cont.)

External riser

Туре

Type

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Can be used to construct vertical 90° downwards direction change at any desired position in the fibre duct. Use M6x16 bolts, nuts & star washers to fix to the duct. Material: steel, pre-galvanized, powder coated RAL1023.

	Height = 60 mm		н	w	L		
	External riser	100	280	100	280	571	CSU08666109FS123
		200	280	200	280	1141	CSU08666209FS123
		300	280	300	280	1712	CSU08666309FS123
	Height = 110 mm		н	W	L		
	External riser	100	333	100	333	996	CSU08661109FS123
		200	333	200	333	1566	CSU08661209FS123
		300	333	300	333	2137	CSU08661309FS123

External riser cover

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Optional external riser cover for enhanced cable protection. Snap-on fixation to the form piece by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.

P(4.6795	Height = 60 mm		н
P14	External riser cover	100	275
		200	275
		300	275
	Height = 110 mm		н
	External riser cover	100	334
		200	334

Height = 60 mm		н	w	L		
External riser cover	100	275	100	275	407	CSU08566109FS123
	200	275	200	275	807	CSU08566209FS123
	300	275	300	275	1211	CSU08566309FS123
Height = 110 mm		н	w	L		
External riser cover	100	334	100	334	496	CSU08561109FS123
	200	334	200	334	942	CSU08561209FS123
	300	334	300	334	1389	CSU08561309FS123

Reducer piece

Туре

14705

Туре

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Can be used to switch to any different duct size in width. Use M6x16 bolts, nuts & star washers to fix to the duct. Material: ste

steel, pre-galvanized,	powder coated RALIC	23.					
	Height = 60 mm		н	w	L		
	Reducer piece	200-100	60	205	288	730	CSU082610209FS123
-		300-100	60	305	373	1090	CSU082610309FS123
		300-200	60	305	288	950	CSU082620309FS123
	Height = 110 mm		н	w	L		
	Reducer piece	200-100	110	205	288	950	CSU082110209FS123
		300-100	110	305	373	1390	CSU082110309FS123
		300-200	110	305	288	1170	CSU082120309FS123

Reducer piece cover

Dimensions Height x Width x Length (mm) Weight (g)

Cat. no.

Cat. no.

Optional reducer piece cover for enhanced cable protection. Snap-on fixation to the form piece by using universal cover clips (CSU08855000). Material: steel, pre-galvanized, powder coated RAL1023.

2028		For height = 60 mm and 110 mm		н	w	L		
P44		Reducer piece	200-100	11	205	288	380	CSU083010209FS123
		cover	300-100	11	305	373	680	CSU083010309FS123
	A. 18		300-200	11	305	288	610	CSU083020309FS123

End piece

Туре

Dimensions Height x Width x Length (mm) Weight (g)

End piece can be used to ensure an aesthetic finish to the ducting route. Use M6x16 bolts, nuts & star washers to fix to the duct Material: steel

P146793	

, powder coated RAL10		ting route. Use	MOX 10 DOILS, HC	its a star wash		duct.
Height = 60 mm		н	w	L		
End piece	100	10.5	64	230	95	CSU3618104FS123
	200	10.5	64	330	165	CSU3618204FS123
	300	10.5	64	430	223	CSU3618304FS123
Height = 110 mm		н	w	L		
End piece	100	10.5	114	230	247	CSU3118104FS123
	200	10.5	114	330	350	CSU3118204FS123
	300	10.5	114	430	452	CSU3118304FS123

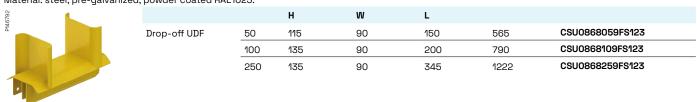


Modular accessory

Modular drop-off UDF

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Clip-on modular drop-off can be fitted at any desired position on the lateral of the duct to ensure full flexibility in guiding fibre-optic cables from the duct to the racks / cabinets. Available in 3 different sizes. Material: steel, pre-galvanized, powder coated RAL1023.



Universal bobbin piece

Туре

Туре

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Magnetic bobbin piece can be fitted at any desired position of the duct or form piece for a secure and smooth guidance of fibre-optic cables. Use 2 pieces on bobbin to safely store cable over-length. Material: steel, pre-galvanized, powder coated RAL1023.

material. eteel, pre garranized,	ponder obated interoid.					
		н	w	L		
47065	Bobbin piece	54	70	70	312	CSU0868A04FS123
E IIII						

Patch panel bracket set

Туре

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Patch panel bracket set. To be used to mount any 19" patch panel at any desired position directly onto the duct. Simply clip-on the bracket to the lateral of the duct. Material: sheet steel, powder coated black.



	н	w	L		
Patch panel bracket 2U (set of 2 pieces)	151	74	84	533	CSU0829A01FS905

RJ45 bracket

Туре

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

L

84

199

CSU0829A02FS905

RJ45 clip-on bracket can be placed on the lateral of the duct to construct mini consolidation points at any desired position. The universal design accepts both Actassi S-1 and Keystone footprints. Material: sheet steel, powder coated black.

146801		н	w
SPrd	6 Module RJ45 bracket	190	82

Closed tube

21470

Туре		Dimensio	ns Ø (mm) x Length (mm)	Weight (g)	Cat. no.		
Optional closed extension tube for enhanced cable protection and flexible guidance of fibre-optic cables. To be mounted directly on the drop-off by using tube mounting frame (CSU0868A01FS905).							
		Ø	L				
15	Closed tube	50	25 000	5625	CSU0868A03FS905		

Modular accessory (cont.)

Openable tube							
Туре			Dimensions	Ø (mm) x Lei	ngth (mm)	Weight (g)	Cat. no.
Optional divisible extension to placement. To be mounted dir						s. Openable tuk	be for easy access for cable
			Ø	L			
PH708	Openable tube		50	25 000		6575	CSU0868A02FS905
Tube mounting frame							
Туре				Height x Wic	Ith x Length (mm)	Weight (g)	Cat. no.
Snap-in tube fixation to conn	ect guiding tubes to	drop-offs					
7477063			н	W	L		CSU0868A01FS905
Modular cover piece							
Туре			Dimensions	Height x Wic	Ith x Length (mm)	Weight (g)	Cat. no.
Modular cover piece can be fi by using universal cover clips			l, pre-galvaniz	ed, powder c	oated RAL1023.	out points. Sna	ap-on fixation to the fibre duc [.]
			н	W	L		
747064	Modular cover piece	100	10	100	600	552	CSU0828103FS123
P4	piece	200	10	200	600	1023	CSU0828203FS123
		300	10	300	600	1494	CSU0828303FS123
Modular brush gasket							
Туре			Dimensions	Height x Wic	Ith x Length (mm)	Weight (g)	Cat. no.
Optional brush gasket for sec	uring cover function a	at the pos	ition of clip-o	n accessorie	s.		
All and a second se			н	w	L		
Annual Contraction of the Contraction	Modular brush gask	et	100	10	400	145	NSYJPSVD

Padlock adaptor

Туре

Dimensions Height x Width x Length (mm) Weigh

Optional padlock adaptor for enhanced data protection. Use the adaptor with a padlock at any desired position in the fibre-duct to prevent easy access of fibre cables. Material: sheet steel, powder coated black.



Height = 60 mm	н	w	L		
Padlock adaptor	69.5	122	40	153	CSU7606100FS123
		222	40	229	CSU7606200FS123
		322	40	306	CSU7606300FS123
Height = 110 mm	н	w	L		
Padlock adaptor	110	122	40	200	CSU7106100FS123
		222	40	276	CSU7106200FS123
		322	40	353	CSU7106300FS123



Mounting accessory

External coupler						
Гуре		Dimensions H	leight x Width	x Length (mm)	Weight (g)	Cat. no.
	nt 60 and 110 to be used to joint		-		h bolts M6x16,	nuts & star washers.
	rial: steel, pre-galvanized, powc					
P/46794	Height = 60 mm	н	W	L		
à	External coupler	60	10	200	129	CSU7605000FS123
	Height = 110 mm	H	W	L		0011740500050407
	External coupler	110	10	200	200	CSU7105000FS123
nternal coupler (Uniloc	:k)					
ype		Dimensions H	leight x Width	x Length (mm)	Weight (g)	Cat. no.
	upler for system height 60 to b per duct. Material: steel, pre-gal		two lengths of	Fibre-optic duc	t. Optional fixat	tion with bolts M6x16, nuts and
	Height = 60 mm	н	W	L		
	Internal coupler (screwless)	21	55	175	82	CSU08010109
nternal coupler ^{ype}		Dimensions H	leight x Width	x Length (mm)	Weight (g)	Cat. no.
ternal coupler for system he ouplers per Duct. Material: st	eight 110 to be used to joint two reel, pre-galvanized.	lengths of Fib	re-Optic Duct.	Fixation with bo	lts M6x16, nuts	and star washers. Use 2
	Height = 110 mm	н	W	L		
linge coupler	Internal coupler	1.5	106.5	300	365	CSU71030100
ype		Dimensions H	leight x Width	x Length (mm)	Weight (g)	Cat. no.
an be used to construct any	type of level change at any po ar washers. Material: steel, pre-g	int of the Fibre	-Optic Duct ins	stallation. Use 2		
	Height = 60 mm	н	W	L		
	Hinge coupler	11	63	234	150	CSU0875000FS123
	Height = 110 mm	н	W	L		
and Carlo	Hinge coupler	12	114	230	406	CSU0875100FS123
Bottom coupler						
уре		Dimensions H	leight x Width	x Length (mm)	Weight (g)	Cat. no.
ptional sleeve-on bottom co	upler for enhanced system alig	nment. Materia H	l: steel, pre-gal W	vanized, powder L	coated RAL102	23.
	Bottom coupler 200	н 1	100	170	130	CSU7070200FS123
P14 6892		H	W	170 L	100	
Xd	Bottom coupler 300	1	100	270	209	CSU7070300FS123
Bolt						
уре		Dimensions H	leight x Width	x Length (mm)	Weight (g)	Cat. no.

M6x16 bolts delivered in a bag of 100 pieces. Material: steel, electro-galvanized.

	or loo process material eteel,	electre garrain	2041			
2497		н	w	L		
Ed Day	M6x16 bolt (pack of 100)	-	-	16	100	CSU08463000

Mounting accessory (cont.)

Flange nut			
Туре		Weight (g)	Cat. no.
Flange nuts delivered in a bag			
P153404	M6 flange nut (pack of 100)	311	CSU08461000
	M10 flange nut (pack of 100)	1200	CSU08890100

Star washer				
Туре			Weight (g)	Cat. no.
	combination with bolt (ref: CSU084 different system components. Ens vanized.			
Universal cover clip	M6 star washer (pack of 100)		323	CSU08190001
Туре		Dimensions Height x Width x Length (mm)	Weight (g)	Cat. no.
Universal cover clip for sna Material: spring steel.	ap-on fixation of the covers. Delive	red in a bag of 100 pieces.		

aterial: spring steel.							
		н	w	L			
	Universal cover clip (pack of 100)	15	13	15	289	CSU08855000	

Modular cable retainer									
Туре		Dimensio	ns Height x Wi	dth x Length (mm)	Weight (g)	Cat. no.			
Suited with double sided self-adhesive tape to be fixed inside the duct. Delivered in 10 cm pieces in a bag of 50.									
3804		н	W	L					
Hard Contraction of the second s	Modular cable retainer (pack of 50)	5.5	25	96	8	718469			

Protection strip						
Туре		Dimensio	dth x Length (mm)	Weight (g)	Cat. no.	
Protection strip. To be used t Material: PVC, black.	o protect cutted edges in	the cable duct.	Delivered as ro	oll of 5 m.		
2884		н	w	L		
rd Contraction	Protection strip	-	-	5000	342	CSU08040000

Earthing kit

Туре

P146808

Dimensions Height x Width x Length (mm) Weight (g)

Kit including earth wire with flat pin connectors and earthing clamps. Connect to 2 cover pieces to ensure electrical continuity between each other. Delivered in a bag of 10 pieces.

088 GR		н	W	L		
P44	Earthing kit (Pack of 10)	-	-	200	10	ISM10953

Cat. no.

Support system



Cantilever arm 50i

Туре

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Medium duty cantilever arm 50i for direct wall installation or ceiling suspended installation in combination with pendant fixing rail 24/48 and T-bolt. Use bolts M6x16, nuts and star washers to fix fibre-optic duct to the bracket. Material: steel, pre-galvanized.



		н	w	L		
ntilever arm 50i	100	80	43	159	190	791412
	200	85	43	259	290	791413
	300	110	43	359	460	791414

Cat. no.

Cat. no.

C-bracket

Туре

Dimensions Height x Width x Length (mm) Weight (g)

C-bracket for single central suspended threaded rod installation. Use bolts M6x16, nuts and star washers to fix fibre-optic duct to the bracket. Material: steel, pre-galvanized.

2476			н	w	L		
	C-bracket	100	35	110	150	380	CSU08173109
		200	45	150	215	940	CSU08173209
		300	175	240	340	1530	CSU08173309

Omega C-bracket

Туре Dimensions Height x Width x Length (mm) Weight (g) Cat. no. Omega C-bracket for direct ceiling installation. Use bolts M6x16, nuts and star washers to fix fibre-optic duct to the bracket. Material: steel, pre-galvanized.



		н	w	L		
Omega C-bracket	100	196	50	153	516	4550410
	200	196	50	252	631	4550420
	300	196	50	357	769	4550430

Omega L-bracket

Type

Dimensions Height x Width x Length (mm) Weight (g)

Light duty Omega L-bracket for direct wall installation. Use bolts M6x16, nuts and star washers to fix fibre-optic duct to the bracket. Material: steel, pre-galvanized.

	mril .			н	W	L		
l		Omega L-bracket	100	131	50	150	323	4550310
1	0		200	131	50	250	450	4550320
1	1 mil		300	131	50	350	575	4550330
	Contraction of the second seco							
112516								

S

Suspension beam				
Туре	Dimensions Height x Width x Length (mm)	Weight (g)	Cat. no.	
Suspension beam for double-threaded rod suspended insta	llation like bolts M6x16 puts and star washer	e to fix fibre-o	ntic duct to the be	oom

Suspension beam fo olts M6x16, nuts and star washers to fix fibre-optic duct to the beam. Material: steel, pre-galvanized.

			н	W	L		
Pr4	Suspension beam	100	30	40	160	202	CSU08041000
		200	30	40	260	358	CSU08043000
		300	30	40	360	606	CSU08044500

Support system (cont.)

Claw						
Туре	Dimensions H	leight x Width x	k Length (mm)	Weight (g)	Cat. no.	
Can be used for light double t Material: steel, pre-galvanized						
0069		н	w	L		
Pra	Claw	46	58	46	49	CSU08150209

Ceiling bracket Dimensions Height x Width x Length (mm) Weight (g) Cat. no. Туре Ceiling bracket 5 with fixing rail 24/48 to construct a pendant system. Bolts and nuts not included. Material: steel, pre-galv



lvanized						
		н	w	L		
	Ceiling bracket 5	40	100	135	350	721101

Vertical pieces

Туре	Dimensions Height x Width x Length (mm)	Weight (g)	Cat. no.
Length of the pendant can be extended by using pendant Material: steel, hot-dip galvanized.	fixing rail 24/48 and rail connector 2FJ.		

Vertical

e e	I MI
-	
	18
	18
	18
	18
	14
	4.

		н	W	L		
l pieces 2F	280	80	135	280	800	717196
	370	80	135	370	980	717197
	505	80	135	505	1260	717198
	730	80	135	730	1710	717199
	1000	80	135	1000	2250	717200
	1500	80	135	1491	2900	787276

Pendant / Fixing rail

Туре

Dimensions Height x Width x Length (mm) Weight (g) Cat. no.

Pendant / Fixing rail for mounting of cantilever arms. Can be suspended from ceiling to ceiling bracket 5 or installed to the wall directly. Material: steel, pre-galvanized.

984 g		н	W	L			
54 12	Pendant / Fixing rail 24/48	26	48	5940	11 200	731721	

Rail connector

Туре		Dimensio	Dimensions Height x Width x Length (mm)			Cat. no.
Rail connector for extending p Material: steel, pre-galvanized		rtical piece p	endants.			
88		н	W	L		
S S	Rail connector 2FJ	54	15	200	460	CSU795325



Support system (cont.)

Threaded rod M10					
Туре		Dimension	s Ø (mm) x Length (mm)	Weight (g)	Cat. no.
M10 threaded rod for susper Material: steel, electro-galva					
88.88		Ø	L		
42	Threaded rod	10	2000	1000	CSU08050000
		10	3000	1500	CSU08050100

Threaded rod extension	n M10				
Туре		Dimensions	Ø (mm) x Length (mm)	Weight (g)	Cat. no.
Use threaded rod extension t Material: steel, electro-galvar		if needed.			
8888		Ø	L		
Pro-	Threaded rod extension	12	50	25	CSU08920000

End plug						
Туре		Dimensions H	leight x Width >	(Length (mm)	Weight (g)	Cat. no.
High visibility end plug for enh Material: PP/TPE, orange	nanced safety and easy identi	fication.				
6900		н	W	L		
PHI	End Plug 28E	30	24	52	8	709021

T-bolt M8								
Туре		Dimensi	ons Height x Wie	dth x Length (mm)	Weight (g)	Cat. no.		
T-bolt to be used for moun Material: steel, hot-dip gal	nting cantilever arms onto Per Ivanized.	ndant / Fixing r	ail 24/48 or vert	ical piece 2F.				
0072	T-bolt 26F	Н	w	L				
Ha and a second s	T-bolt 26F M8x30	8	43	50	45	734983		

Туре		Dimensions H	leight x Width >	Length (mm)	Weight (g)	Cat. no.
Use electric sheer to ensure a	fast, safe and clean cut of fib	re duct length	material.			
2025		н	w	L		
	Draco electric metal sheer cutter	210	90	410	2700	CSU08770200

Draco electric sheer cutter knife									
Туре		Dimensions H	leight x Width :	x Length (mm)	Weight (g)	Cat. no.			
Replacement knife for Draco e	electric metal sheer cutter.								
1013		н	w	L					
P14 0 101 0	Draco electric sheer cutter knife	120	12	200	68	CSU08780200			

Stago Fibre-Optic Duct

Standards

IEC 61537 specifies requirements and tests for cable tray, cable ladder and cable ducting systems intended for the support and accommodation of cables and possibly other electrical equipment in electrical and/or communication systems installation.

The standard EN 61537 establishes that for Cable Ducts with electrical continuity characteristics (metal), this continuity should be guaranteed by means of an equipotential connection and one or several connections to earth in accordance with the use of the Cable Duct system.

To guarantee a safe installation, Wibe Group recommends a proper earthing of all elements that make up the system (section and accessories), using the accessories designed specifically for this purpose.

Cable filling capacity

The figures in the table below are calculated considering a 50 % cable loading factor.

Dimensions Height x Width	Cable filling capacity (load factor of 50 %)					
	Optical fibre					
(mm)	Ø 1.2 mm	Ø 1.6 mm	Ø 2 mm	Ø 3 mm		
60 × 100	1653	1413	905	402		
60 x 200	4218	2856	1828	812		
60 x 300	6782	4298	2751	1223		
110 × 100	3820	2632	1684	749		
110 × 200	8594	5318	3403	1513		
110 × 300	13369	8004	5122	2277		





Support width (mm)	Supports SWL (kg)					
	Pendant 2F + Cantilever 50i		Omega wall bracket	Omega ceiling bracket	Suspension beam	
100	230.2	20.9	198	123	200	
200	160.4	72.6	100	90	200	
300	123.1	75.6	78	75	200	

Max. recomm considering I		Pendant 2F + Cantilever 50i		Omega wall bracket	Omega ceiling bracket	Suspension beam
Criteria: MIN of MPL/SWL	60 × 100	3	3	3	3	3
	60 x 200	3	3	3	3	3
	60 x 300	3	3	3	3	3
	110 × 100	3	3	3	3	3
	110 x 200	3	3	3	3	3
		3	3	3	3	3

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