

P31 0FT

CABLE
MANAGEMENT
SOLUTIONS FOR
OPTICAL FIBRE
CABLES



→ CATALOGUE PAGES INSIDE

THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**[®]

P31 OFT

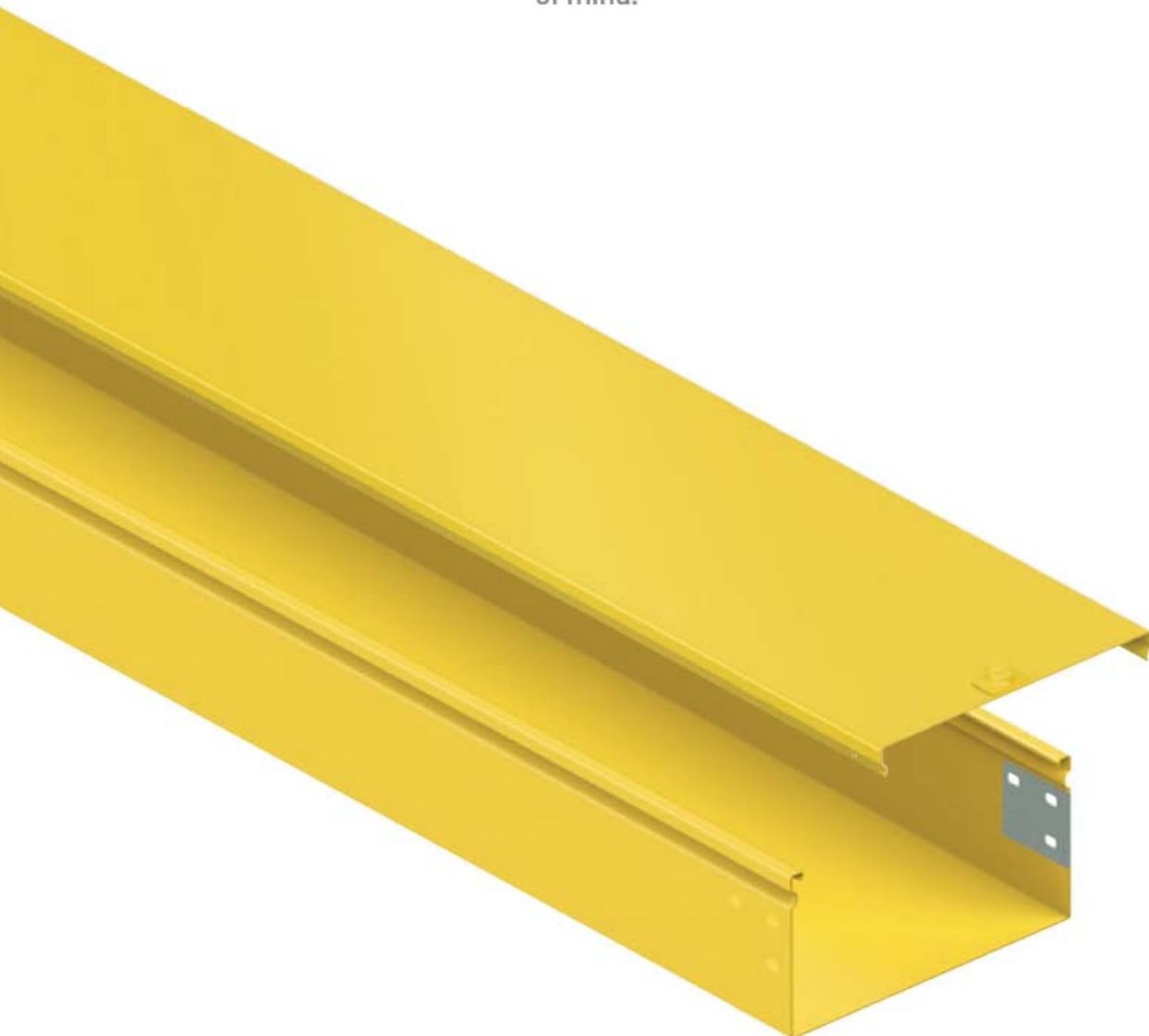
CABLE MANAGEMENT SOLUTIONS FOR OPTICAL FIBRE CABLES

New communication technologies have radically transformed commercial building design. Companies require increasingly larger, more powerful and more secure infrastructures to protect their digital data.

Specially designed to meet the requirements of data centres and banks, the new Legrand P31 OFT cable tray offer for optical fibre cables provides a high level of protection for both optical fibre and copper cables. It features a comprehensive range of products for building complex installations simply and securely.

Steel cable trays and accessories provide a high degree of strength and excellent withstand to heavy loads. In addition to its technical performance characteristics, the P31 OFT range offers the benefit of economies of scale across an entire installation.

With P31 OFT, you are choosing security and ease of installation and offering your customers a sustainable solution and peace of mind.





Maximum cable protection



Accessories for even the most complex configurations



Safe, simple installation



Catalogue pages

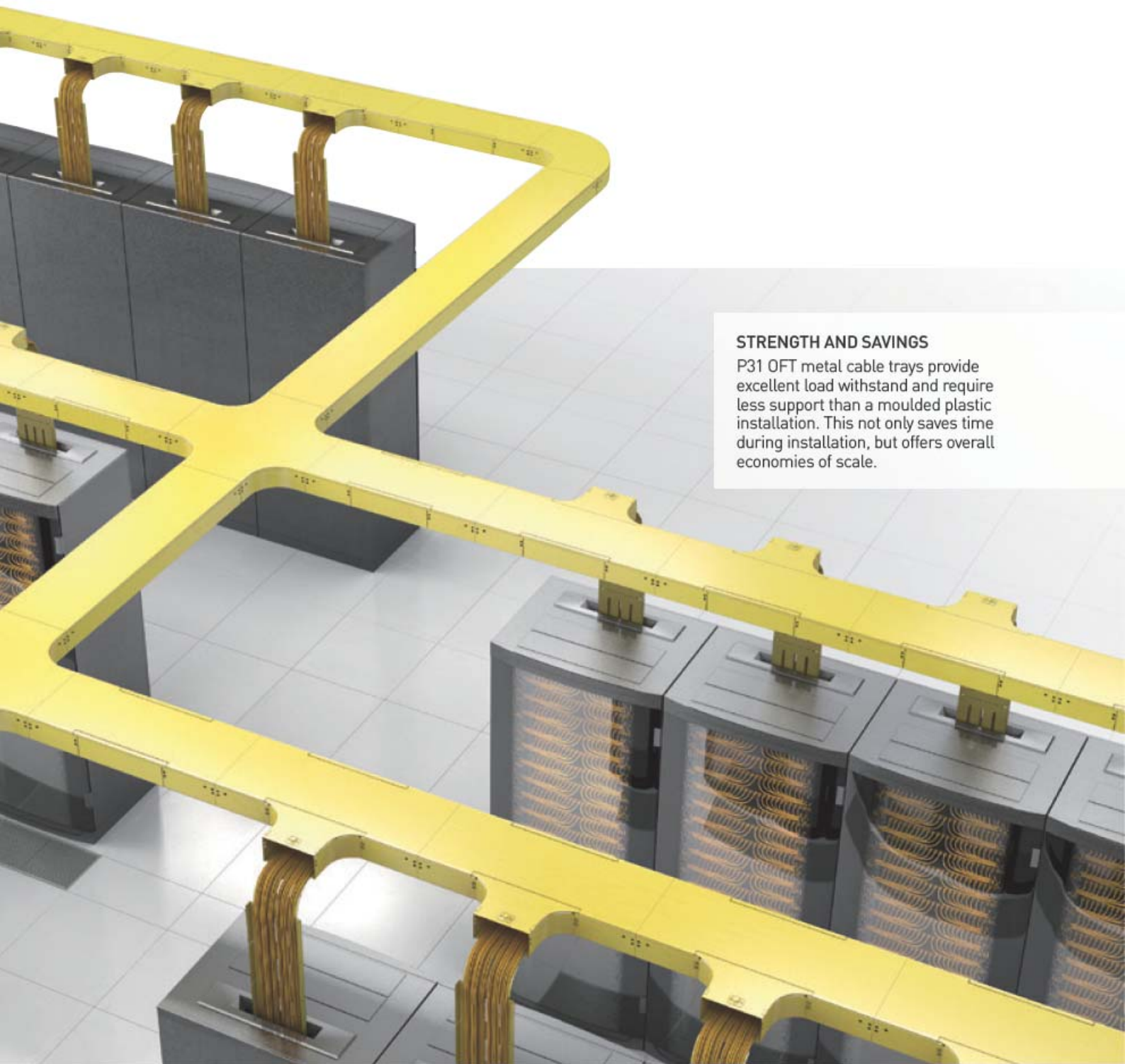
New P31 OFT

Well **protected**
cables

Specially designed for data centres and banks, the new P31 OFT range of cable trays for optical fibre and copper cables provides optimum protection for cables against the risk of crushing or cutting.

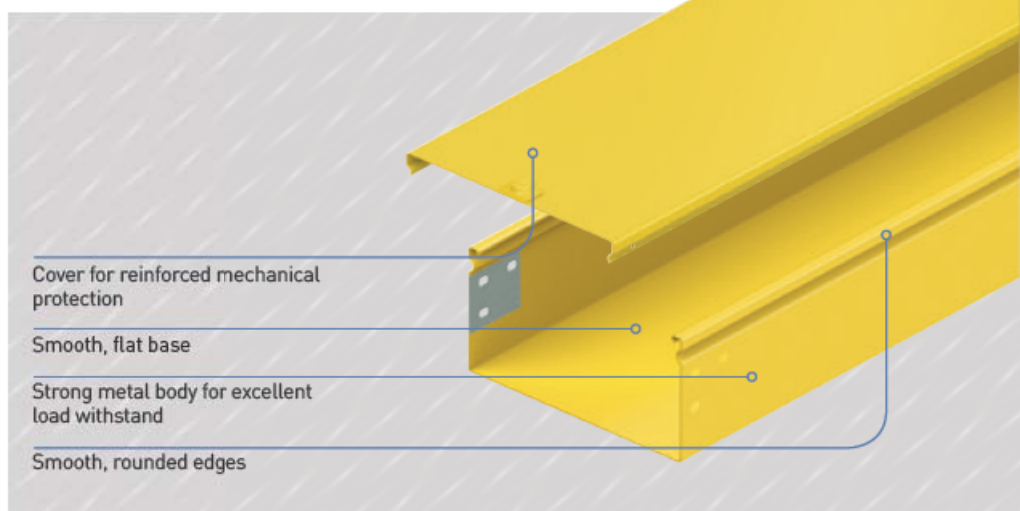
STRENGTH AND SAVINGS

P31 OFT metal cable trays provide excellent load withstand and require less support than a moulded plastic installation. This not only saves time during installation, but offers overall economies of scale.

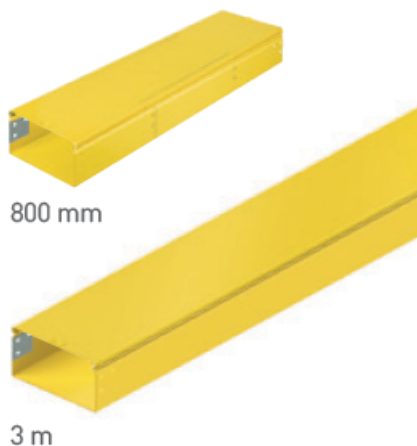


Excellent mechanical characteristics, flexibility and scalability

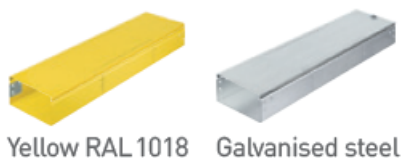
The 3 m rail length facilitates server rack distribution and improves installation scalability.



2 LENGTHS



2 STANDARD FINISHES



4 OTHER FINISHES AVAILABLE ON REQUEST

Using different coloured cable trays for each cable type (fire safety, data, etc.) makes it easy to identify the required network within a single installation.



DEDICATED ACCESSORIES

The whole range is designed to protect cables, by maintaining the bending radius, ensuring there are no sharp edges or acute angles, etc.

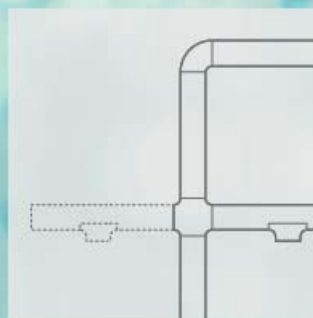


Simple or complex configurations

Solutions

for all
requirements

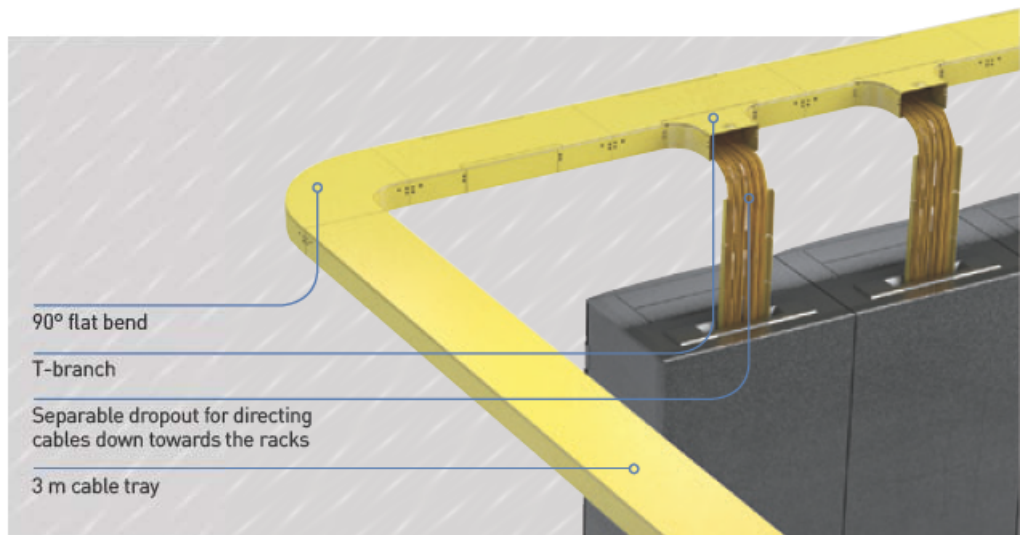
Designed to maintain the correct bending radius specified by the applicable standard, the accessories for changing direction ensure compliance with cable management requirements according to building size and architecture.



FLEXIBLE, SCALABLE INSTALLATIONS

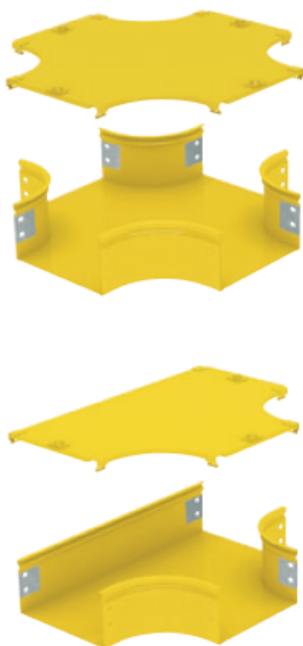
Accessories for changing direction allow installations to be adapted very easily in line with evolving user requirements.

Routing cables safely



FLAT CROSS OR FLAT TEE

For routing cables easily at the crossing of two cable trays.



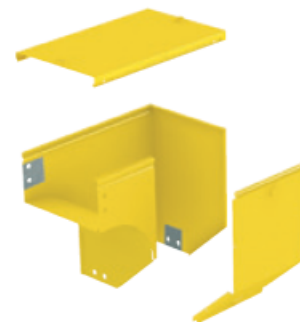
RISERS

Inside or outside risers.



VERTICAL ELBOWS

Supplied with covers



REDUCER

For joining 2 different-sized cable trays.



A complete system Quick, safe and easy to install

The build quality of the steel cable trays and accessories in the P31 OFT range allows for high-precision assembly by simply aligning the system components. Conventional tools are all that are required to install Legrand's cable tray system for optical fibre cables.



PROTECTION AGAINST ELECTROMAGNETIC INTERFERENCE

Steel, the use of covers and earthing all help to reduce the risk of electromagnetic interference caused by mains voltage cables and prevent static electricity which can be generated by plastic materials.

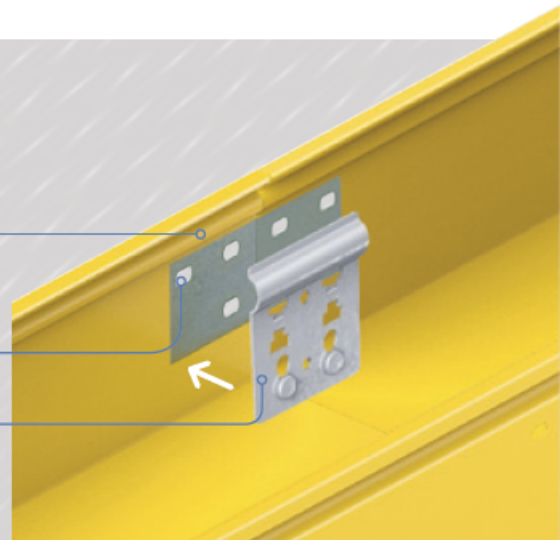
Practical, time-saving accessories

For building safe installations in next to no time, and in just the same way - conventional tools are all that are required for drilling and cutting.

Base joining section protected by an adhesive label during painting process to ensure electrical continuity between the cable trays (metal-to-metal contact)

Factory-drilled holes for easier cable tray assembly

Couplers for joining cable trays - electrical continuity ensured without the need for an additional accessory



ALIGNMENT PLATE

For perfectly aligned rails.



COUPLERS

Pre-crimped couplers save a significant amount of time during installation.



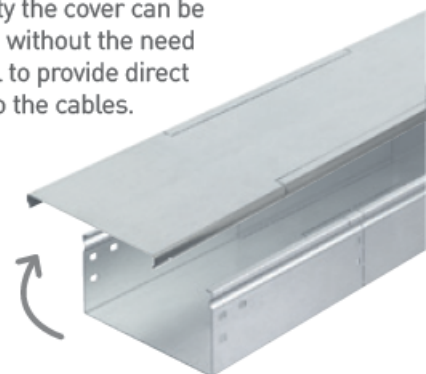
FIXING BRACKETS, SUSPENSION BRACKETS

A wide range of fixing and suspension accessories facilitate rail installation.



REMOVABLE COVER

For ease of maintenance and scalability the cover can be removed without the need for a tool to provide direct access to the cables.

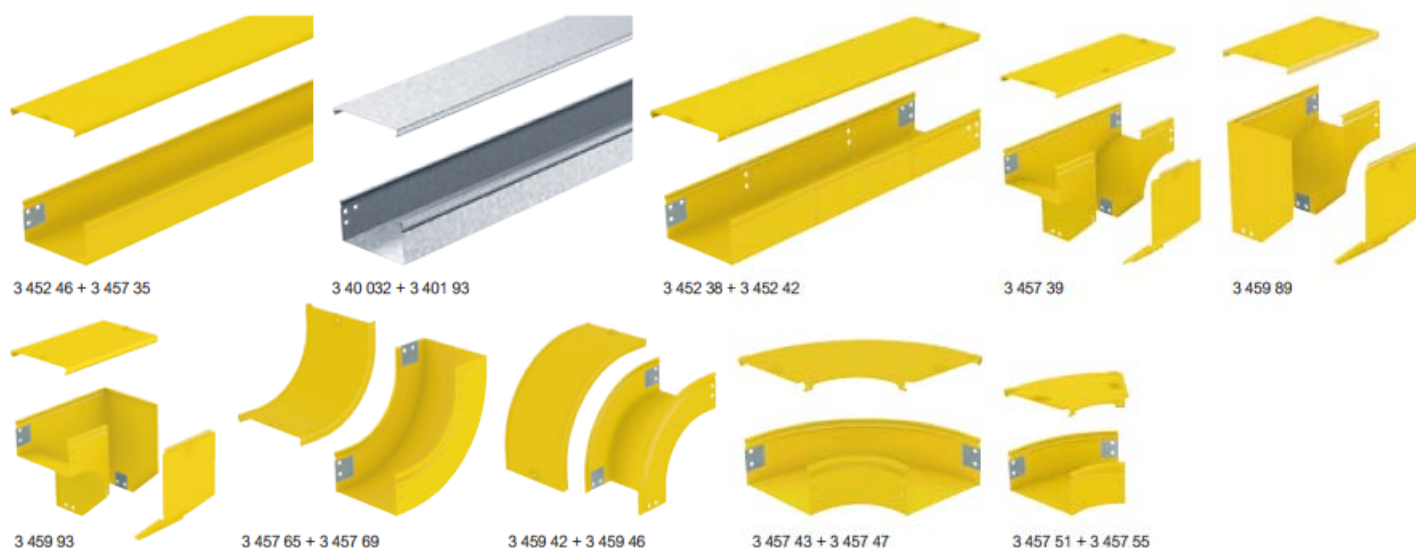


DIVIDERS

For creating compartments quickly inside cable trays according to the type of network being routed within a single installation.



P31 OFT cable trays for optical fibre cables



Technical characteristics **p. 13-15**

Pack Cat.Nos Cable tray - length 3 m

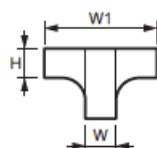
Pack	Yellow	GS	Base Height H (mm)	Width W (mm)
8	3 452 45	3 400 30	100	100
4	3 452 46	3 400 32	100	200
4	3 452 47	3 400 33	100	300
Cover				
	Yellow	GS	Width W (mm)	
12	3 457 34	3 401 91	100	
12	3 457 35	3 401 93	200	
12	3 457 36	3 401 94	300	

Pack Cat.Nos Cable tray - length 800 mm

Pack	Yellow	GS	Base Height H (mm)	Width W (mm)
2	3 452 37	3 412 37	100	100
2	3 452 38	3 412 38	100	200
2	3 452 39	3 412 39	100	300
Cover				
	Yellow	GS	Width W (mm)	
2	3 452 41	3 412 41	100	
2	3 452 42	3 412 42	200	
2	3 452 43	3 412 43	300	

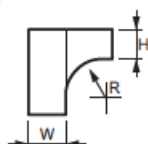
Pack Cat.Nos Vertical tee

Pack	Yellow	GS	Supplied with cover Height H (mm)	Width L (mm)	Width L1 (mm)
1	3 457 38	3 417 38	100	100	360
1	3 457 39	3 417 39	100	200	460
1	3 457 40	3 417 40	100	300	560



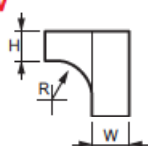
Pack Cat.Nos Right-hand vertical elbow

Pack	Yellow	GS	Supplied with cover Height H (mm)	Width L (mm)	Radius R (mm)
1	3 459 88	3 419 88	100	100	360
1	3 459 89	3 419 89	100	200	460
1	3 459 90	3 419 90	100	300	560



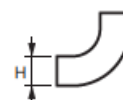
Pack Cat.Nos Left-hand vertical elbow

Pack	Yellow	GS	Supplied with cover Height H (mm)	Width L (mm)	Radius R (mm)
1	3 459 92	3 419 92	100	100	360
1	3 459 93	3 419 93	100	200	460
1	3 459 94	3 419 94	100	300	560



Pack Cat.Nos Inside riser

Pack	Yellow	GS	Base Height H (mm)	Width W (mm)
1	3 457 64	3 409 95	100	100
1	3 457 65	3 409 97	100	200
1	3 457 66	3 409 98	100	300
Cover				
	Yellow	GS	Width W (mm)	
1	3 457 68	3 411 75	100	
1	3 457 69	3 408 94	200	
1	3 457 70	3 408 95	300	



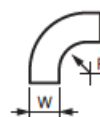
Pack Cat.Nos Outside riser

Pack	Yellow	GS	Base Height H (mm)	Width W (mm)
1	3 459 41	3 410 54	100	100
1	3 459 42	3 410 56	100	200
1	3 459 43	3 410 57	100	300
Cover				
	Yellow	GS	Width W (mm)	
1	3 459 45	3 401 81	100	
1	3 459 46	3 408 25	200	
1	3 459 47	3 408 26	300	



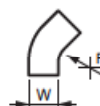
Pack Cat.Nos 90° flat bend

Pack	Yellow	GS	Base Height H (mm)	Width L (mm)	Radius R (mm)
2	3 457 42	3 409 30	100	100	244
2	3 457 43	3 409 32	100	200	244
2	3 457 44	3 409 33	100	300	244
Cover					
	Yellow	GS	Width L (mm)		
2	3 457 46	3 408 63	100		
2	3 457 47	3 408 65	200		
2	3 457 48	3 408 66	300		



Pack Cat.Nos 45° flat bend

Pack	Yellow	GS	Base Height H (mm)	Width L (mm)	Radius R (mm)
2	3 457 50	3 409 60	100	100	100
2	3 457 51	3 409 62	100	200	100
2	3 457 52	3 409 63	100	300	100
Cover					
	Yellow	GS	Width L (mm)		
2	3 457 54	3 408 72	100		
2	3 457 55	3 408 74	200		
2	3 457 56	3 408 75	300		



P31 OFT cable trays for optical fibre cables (continued)



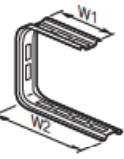
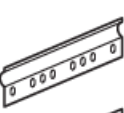
Technical characteristics **p. 13-15**

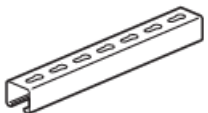
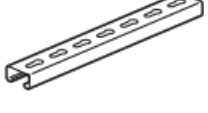
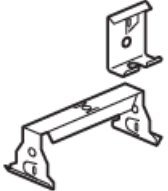
Pack	Cat.Nos	T-branch
2	Yellow 3 452 33 GS 3 412 33	Base Height H (mm) 100 Width L1 (mm) 100 Length L2 (mm) 360 Cover Width L (mm) 100
2	3 452 35 3 412 35	
2	Yellow 3 457 58 GS 3 417 58	Dropout Width W (mm) 100
2	Yellow 3 457 72 GS 3 417 72	Reducer Base Height H (mm) 100 Width L1 (mm) 300 Width L2 (mm) 200 Cover Width L (mm) 100
2	3 457 74 3 417 74	
2	3 457 73 3 417 73	For 300 to 200 mm wide base
2	3 457 75 3 417 75	For 200 to 100 mm wide base
2	Yellow 3 459 72 GS 3 411 19	Flat tee Base Height H (mm) 100 Width L (mm) 100 Length L1 (mm) 360 Cover Width L (mm) 100
2	3 459 73 3 411 21	
2	3 459 74 3 411 22	
2	3 459 76 3 408 81	
2	3 459 77 3 408 83	
2	3 459 78 3 408 84	
1	Yellow 3 459 80 GS 3 411 49	Flat cross Base Height H (mm) 100 Width L (mm) 100 Length L1 (mm) 360 Cover Width L (mm) 100
1	3 459 81 3 411 51	
1	3 459 82 3 411 52	
1	3 459 84 3 407 58	
1	3 459 85 3 407 68	
1	3 459 86 3 407 69	

Pack	Cat.Nos	End stop
1	Yellow 3 457 76 GS 3 416 59	Base Height H (mm) 100 Width L (mm) 100
1	3 457 77 3 416 61	
1	3 457 78 3 416 62	
50	3 417 09	Clips Fastening clips Fastening clip for cover Fastening clip for trunking For easy dismantling of the cover and for holding the base securely on the brackets Tray hold down clip For fixing the tray on bracket, without using bolts and nuts Ideal for fixing bases to perforated brackets, width of oblong 8 mm
20	3 492 55	
50	3 492 52	
10	5 853 57	Earthing terminals Brass sheet terminals 6 x 16 6 x 35
10	5 853 67	
25	5 853 30	Aluminium terminals BAT 35 terminals
50	3 417 08	Electrical continuity accessories Electrical continuity kit for P31 OFT cable trays Consists of: - one copper strip - 2 M5 x 6 hexagonal head bolts M5 x 6 hexagonal head bolts for electrical continuity kit Cat.No 3 417 08
500	3 417 28	

P31 OFT cable trays for optical fibre cables - accessories



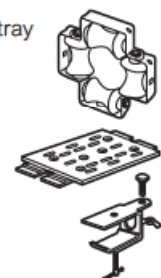
Pack	Cat.Nos	Wall bracket
40	0 027 00	For fixing cable trays to the wall
20	0 027 10	Width 100 mm
10	0 027 20	Width 200 mm
		Width 300 mm
		
		
		
		
		
		
		
		

Pack	Cat.Nos	Support profiles
3	5 955 40	Channel supports
		41 x 41 mm
		Length 3 m
3	5 973 20	41 x 21 mm
		Length 3 m
1	0 029 40	Rail
		Width 51 mm
		Length 3 m
3	5 610 20	EDF profile
2	5 610 10	Length 3 m
1	5 610 90	Length 2 m
		Length 1 m
		
		
		
		
		
		
		

P31 OFT cable trays for optical fibre cables - accessories and fixings



Pack	Cat.Nos	Alignment plate
10	3 415 04	For cable trays width 200 mm (width of plate 100 mm)
10	3 415 05	For cable trays width 300 mm (width of plate 200 mm)
1	0 111 00	FAS roller case To help pull cables inside the cable tray Comprises: - 6 rollers - 6 fixing plates - 6 external fixing clamps
1	5 223 54	Edge protection strip Black Supplied in packs of 5 m
1	5 596 77	Cable ties "Hook & loop" cable tie Black Supplied in packs of 5 m
50	8 091 09	15 x 180 mm cable tie
50	8 091 19	15 x 225 mm cable tie
50	8 091 29	15 x 320 mm cable tie

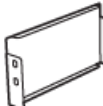


Pack	Cat.Nos	Accessories
100	8 010 01	Nuts and bolts M6 x 12 bolt and nuts
100	8 010 11	M6 x 20 bolt and nuts
		Threaded rods Length 1 m
20	8 017 01	Ø 6 mm
20	8 017 11	Ø 8 mm
20	8 017 21	Ø 10 mm
50	8 017 41	Threaded connectors M6 x 20
50	8 017 51	M8 x 20
50	8 017 71	M10 x 30
100	8 015 01	Flat washers Ø 6 mm
100	8 015 11	Ø 8 mm
100	8 015 21	Ø 10 mm
100	8 012 01	Nuts M6
100	8 012 11	M8
100	8 012 21	M10
100	8 010 61	M6
100	8 016 11	M8
100	8 016 21	M10



P31 OFT cable trays for optical fibre cables

Selection chart

		CABLE TRAY DIMENSIONS (HEIGHT X WIDTH)											
		100 X 100 mm				100 X 200 mm				100 X 300 mm			
													
		Length 3 m		Length 800 mm		Length 3 m		Length 800 mm		Length 3 m		Length 800 mm	
		 Yellow	 GS	 Yellow	 GS	 Yellow	 GS	 Yellow	 GS	 Yellow	 GS	 Yellow	 GS
	Base	3 452 45	3 400 30	3 452 37	3 412 37	3 452 46	3 400 32	3 452 38	3 412 38	3 452 47	3 400 33	3 452 39	3 412 39
	Cover	3 457 34	3 401 91	3 452 41	3 412 41	3 457 35	3 401 93	3 452 42	3 412 42	3 457 36	3 401 94	3 452 43	3 412 43
		CHOICE OF ROUTING ACCESSORIES											
		 Yellow	 GS	 Yellow	 GS	 Yellow	 GS						
	Vertical tee	3 457 38	3 417 38	3 457 39	3 417 39	3 457 40	3 417 40						
	Right-hand vertical elbow	3 459 88	3 419 88	3 459 89	3 419 89	3 459 90	3 419 90						
	Left-hand vertical elbow	3 459 92	3 419 92	3 459 93	3 419 93	3 459 94	3 419 94						
	Inside riser + cover	3 457 64 + 3 457 68	3 409 95 + 3 411 75	3 457 65 + 3 457 69	3 409 97 + 3 408 94	3 457 66 + 3 457 70	3 409 98 + 3 408 95						
	Outside riser + cover	3 459 41 + 3 459 45	3 410 54 + 3 401 81	3 459 42 + 3 459 46	3 410 56 + 3 408 25	3 459 43 + 3 459 47	3 410 57 + 3 408 26						
	90° flat bend + cover	3 457 42 + 3 457 46	3 409 30 + 3 408 63	3 457 43 + 3 457 47	3 409 32 + 3 408 65	3 457 44 + 3 457 48	3 409 33 + 3 408 66						
	45° flat bend + cover	3 457 50 + 3 457 54	3 409 60 + 3 408 72	3 457 51 + 3 457 55	3 409 62 + 3 408 74	3 457 52 + 3 457 56	3 409 63 + 3 408 75						
	T-branch + cover	3 452 33 + 3 452 35	3 412 33 + 3 412 35	3 452 33 + 3 452 35	3 412 33 + 3 412 35	3 452 33 + 3 452 35	3 412 33 + 3 412 35						
	Flat tee	3 459 72 + 3 459 76	3 411 19 + 3 408 81	3 459 73 + 3 459 77	3 411 21 + 3 408 83	3 459 74 + 3 459 78	3 411 22 + 3 408 84						
	Cross + cover	3 459 80 + 3 459 84	3 411 49 + 3 407 58	3 459 81 + 3 459 85	3 411 51 + 3 407 68	3 459 82 + 3 459 86	3 411 52 + 3 407 69						
	End stop	3 457 76	3 416 59	3 457 77	3 416 61	3 457 78	3 416 62						

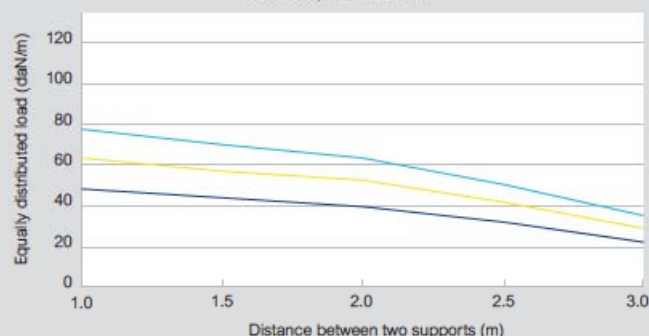
P31 OFT cable trays for optical fibre cables

Standards

Cable management complies with IEC 61537
This standard details the configurations for the mechanical tests to be performed on the cable trays and supports, as well as the issues of electrical continuity and corrosion
Standard NFC 15-100 applies to installation

Safe working load

Cable tray - H = 100 mm

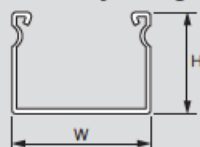


W = 100 mm ■
W = 200 mm ■
W = 300 mm ■

The tests were carried out in accordance with IEC 61 537 standard, for the type 1

Dimensions

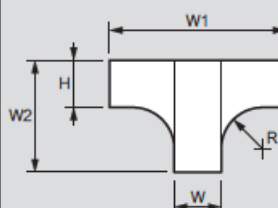
Cable trays - length 3 m and 800 mm



Cat.Nos	Dimensions (mm)	
	H	W
3 452 45	100	100
3 452 46	100	200
3 452 47	100	300
3 400 30	100	100
3 400 32	100	200
3 400 33	100	300
3 452 37	100	100
3 452 38	100	200
3 452 39	100	300
3 412 37	100	100
3 412 38	100	200
3 412 39	100	300

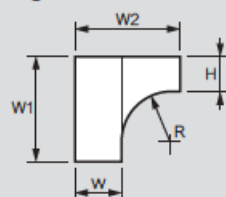
Dimensions (continued)

Vertical tee



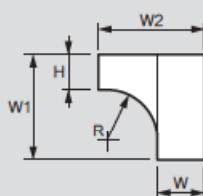
Cat.Nos	Dimensions (mm)					Weight Kg
	H	W	R	W1	W2	
3 457 38	100	100	100	360	230	1.6
3 457 39	100	200	100	460	290	2.6
3 457 40	100	300	100	560	350	4.5
3 417 38	100	100	100	360	230	1.6
3 417 39	100	200	100	460	290	2.6
3 417 40	100	300	100	560	350	4.5

Right-hand vertical elbow



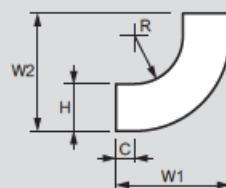
Cat.Nos	Dimensions (mm)					Weight Kg
	H	W	R	W1	W2	
3 459 88	100	100	100	230	230	1.17
3 459 89	100	200	100	290	330	2.53
3 459 90	100	300	100	350	430	4.42
3 419 88	100	100	100	230	230	1.17
3 419 89	100	200	100	290	330	2.53
3 419 90	100	300	100	350	430	4.42

Left-hand vertical elbow



Cat.Nos	Dimensions (mm)					Weight Kg
	H	W	R	W1	W2	
3 459 92	100	100	100	230	230	1.52
3 459 93	100	200	100	290	330	3.48
3 459 94	100	300	100	350	430	6.24
3 419 92	100	100	100	230	230	1.52
3 419 93	100	200	100	290	330	3.48
3 419 94	100	300	100	350	430	6.24

Inside riser

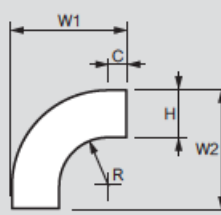


Cat.Nos	Dimensions (mm)						Weight Kg
	H	W	R	W1	W2	C	
3 457 64	100	100	150	301	301	50	1.12
3 457 65	100	200	150	301	301	50	1.51
3 457 66	100	300	150	301	301	50	1.85
3 409 95	100	100	150	301	301	50	1.12
3 409 97	100	200	150	301	301	50	1.51
3 409 98	100	300	150	301	301	50	1.85

P31 OFT cable trays for optical fibre cables

■ Dimensions (continued)

Outside riser



	Dimensions (mm)						Weight
Cat.Nos	H	W	R	W1	W2	C	Kg
3 459 41	100	100	150	301	301	50	1.50
3 459 42	100	200	150	301	301	50	2.06
3 459 43	100	300	150	301	301	50	2.64
3 410 54	100	100	150	301	301	50	1.50
3 410 56	100	200	150	301	301	50	2.06
3 410 57	100	300	150	301	301	50	2.64

90° flat bend

Technical drawing of a 90-degree flat bend. The drawing shows a cross-section of the bend with dimensions: W1 (total height), W2 (total width), W (flange width), C (corner radius offset), and R (corner radius).

	Dimensions (mm)					Weight
Cat.Nos	W	R	W1	W2	C	Kg
3 457 42	100	100	230	230	30	0.75
3 457 43	200	100	330	330	30	1.36
3 457 44	300	100	430	430	30	2.16
3 409 30	100	100	230	230	30	0.75
3 409 32	200	100	330	330	30	1.36
3 409 33	300	100	430	430	30	2.16

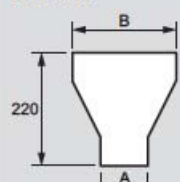
45° flat bend

	Dimensions (mm)					Weight
Cat.Nos	W	R	W1	W2	C	Kg
3 457 50	100	100	193	151	30	0.43
3 457 51	200	100	263	251	30	0.68
3 457 52	300	100	334	351	30	1.01
3 409 60	100	100	193	151	30	0.43
3 409 62	200	100	263	251	30	0.68
3 409 63	300	100	334	351	30	1.01

T-branch

	Dimensions (mm)				Weight
Cat.Nos	W	R	W1	W2	Kg
3 452 33	100	100	180	358	1.00
3 412 33	100	100	180	358	1.00

Reducer



	Dimensions (mm)		Weight
Cat.Nos	A	B	Kg
3 457 72	200	300	1.66
3 457 74	100	200	1.33
3 417 72	200	300	1.66
3 417 74	100	200	1.33

Flat tee

Technical drawing of a flat tee profile. The dimensions are labeled as follows: W1 is the top flange width, W2 is the total height, W is the stem width, C is the stem thickness, and R is the fillet radius at the base of the flange.

	Dimensions (mm)					Weight
Cat.Nos	W	R	W1	W2	C	Kg
3 459 72	100	100	360	230	30	1.19
3 459 73	200	100	460	330	30	1.79
3 459 74	300	100	560	430	30	2.59
3 411 19	100	100	360	230	30	1.19
3 411 21	200	100	460	330	30	1.79
3 411 22	300	100	560	430	30	2.59

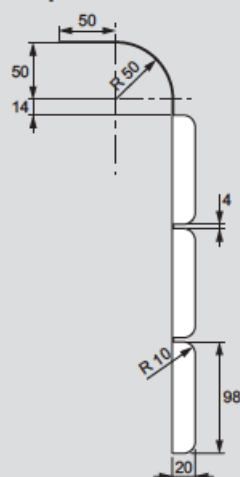
Flat cross

Technical drawing of a cross-shaped profile. The dimensions are labeled as follows:

- W1**: Total width of the top horizontal bar.
- W2**: Total height of the left vertical bar.
- W**: Width of the bottom horizontal bar.
- C**: Thickness of the bottom horizontal bar.
- R**: Radius of the rounded corners.

	Dimensions (mm)					Weight
Cat.Nos	W	R	W1	W2	C	Kg
3 459 80	100	100	360	360	30	1.42
3 459 81	200	100	460	460	30	2.19
3 459 82	300	100	560	560	30	3.14
3 411 49	100	100	360	360	30	1.42
3 411 51	200	100	460	460	30	2.19
3 411 52	300	100	560	560	30	3.14

Dropout Cat.Nos 3 457 58 and 3 417 58



Cable capacity

Dimensions H x W (mm)	Maximum number of cables (for a given cable type and a load factor of 50 %)					
	Optical fibre			Copper		
	Ø 1.6 mm	Ø 2 mm	Ø 3 mm	Cat. 5e Ø 4.32 mm	Cat. 6 Ø 6.1 mm	Cat. 6A Ø 7.6 mm
100 x 100	2486	1581	709	341	171	110
100 x 200	4927	3162	1417	683	343	219
100 x 300	7459	4743	2126	1024	514	329

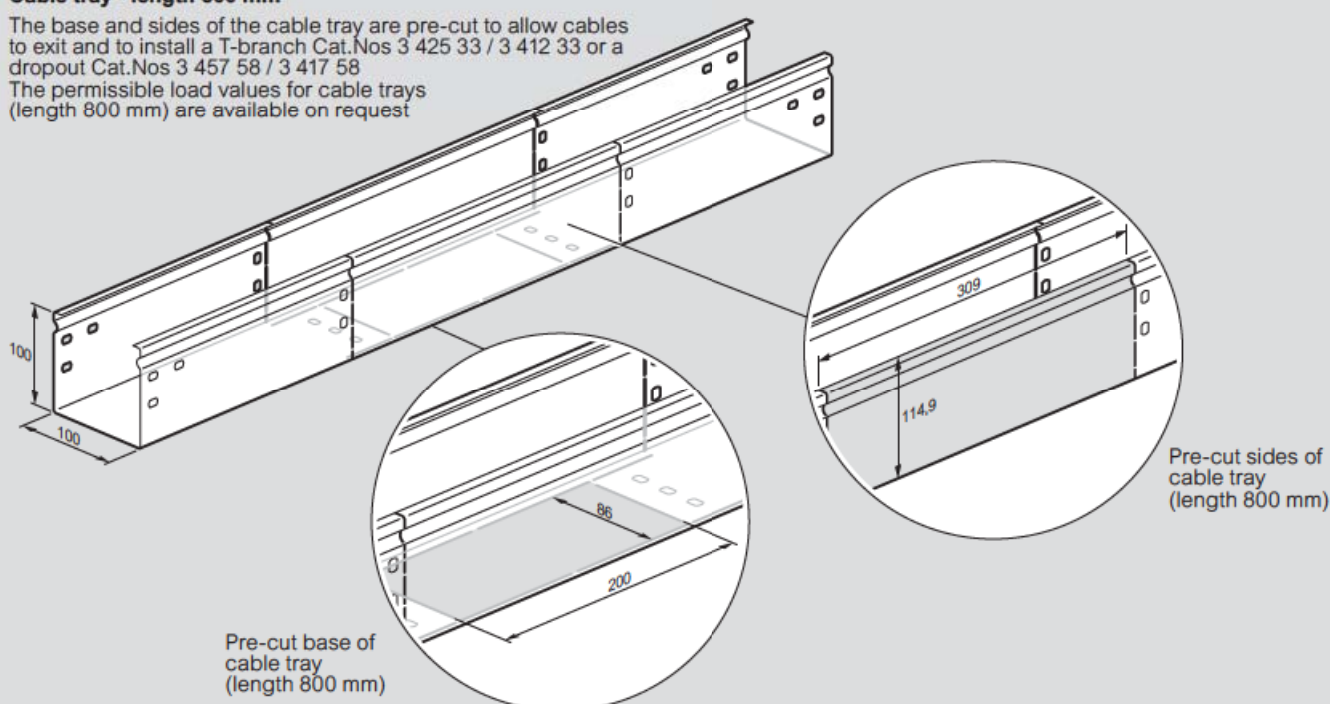
The values given in the table are calculated for a load factor of 50% for the most common cable diameters.
For more accurate results, use the actual diameter stated by the cable manufacturer

Installation principle

Cable tray - length 800 mm

The base and sides of the cable tray are pre-cut to allow cables to exit and to install a T-branch Cat.Nos 3 425 33 / 3 412 33 or a dropout Cat.Nos 3 457 58 / 3 417 58

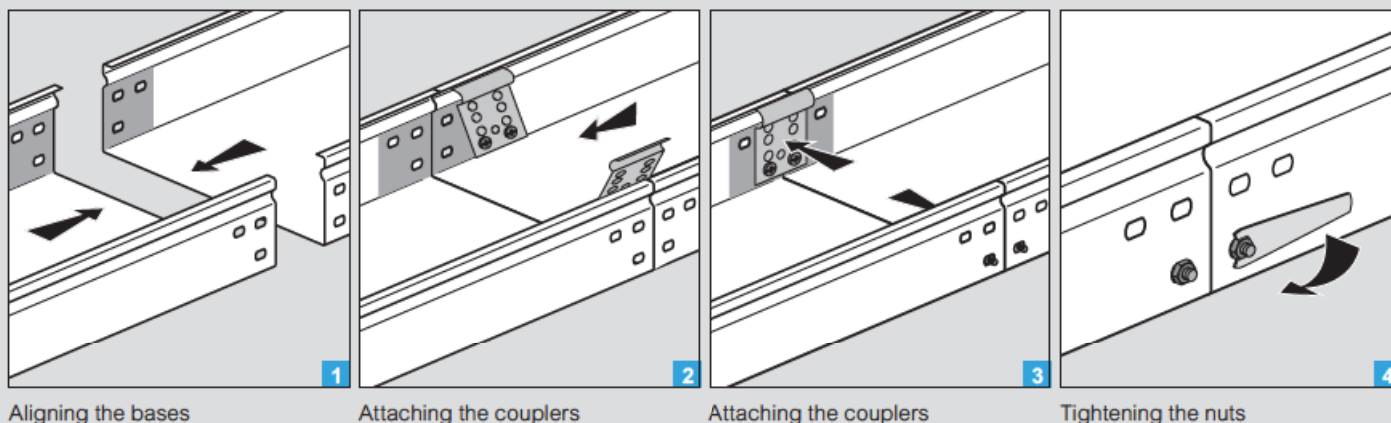
The permissible load values for cable trays (length 800 mm) are available on request



Electrical continuity

The point at which the couplers are attached to the cable tray is left unpainted

This ensures electrical continuity automatically when the couplers are attached, through the direct contact of two metal surfaces



Aligning the bases

Attaching the couplers

Attaching the couplers

Tightening the nuts

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3 400 30	8	8	35	-	2	35	-	2	66	-	1	92	-	1	11	-	100
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33	-	4	38	-	2	38	-	2	69	-	1	94	-	1	8 015 01	-	100
3 401 91	-	12	39	-	2	39	-	2	70	-	1	3 490 00			11	-	100
93	-	12	41	-	2	41	-	2	72	9	2	3 492 52	9	50	21	-	100
94	-	12	42	-	2	42	-	2	73	-	2	55	-	20	8 016 11	-	100
3 407 58	9	1	43	-	2	43	-	2	74	-	2	5 220 00			21	-	100
68	-	1	3 415 04	11	10	45	-	8	75	-	2	5 223 54	11	1	8 017 01	-	100
69	-	1	05	-	10	46	-	4	76	-	1	5 590 00			11	-	100
3 408 81	-	2	3 416 22	10	12	47	-	4	77	-	1	5 596 77	-	1	41	-	100
83	-	2	57	-	12	3 457 34	-	12	78	-	1	5 610 00			51	-	100
84	-	2	59	9	1	35	-	12	3 459 41	8	1	5 610 10	10	2	71	-	100
3 410 00			61	-	1	36	-	12	42	-	1	20	-	3	8 090 00		
3 411 19	9	2	62	-	1	38	-	1	45	-	1	90	-	1	8 091 09	11	50
21	-	2	3 417 09	-	50	39	-	1	46	-	1	5 850 00			19	-	50
22	-	2	38	8	1	40	-	1	47	-	1	5 853 30	9	25	29	-	50
			39	-	1	42	-	2	72	9	2						
			40	-	1	43	-	2	73	-	2						
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