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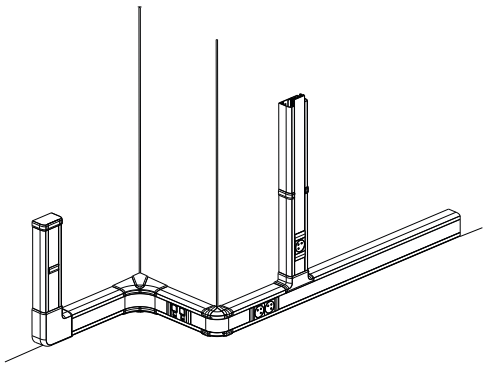
www.legrand.com

Flexible cover snap-on DLP trunking grey color

Cat. no(s) : 0 105 80 - 0 756 09 - 0 758 00/02/04/05/07/09/10/12/ 14/15/17/19/20/22/24/25/29/30/33/35/36



1. USE

Snap-on DLP trunking provides:

- the distribution, the protection and the junction of the various cables in an electrical installation.
- trunkings, finishing accessories (end, cover joint, body joint, internal & exxternal angle, flat angle, junction)
- all the easy ways/advantages for the installation.
- the compliance with the norm EN 50085-2-1, safety and technical performance.
- a flexibility with the installation and maintenance.

Direct snap-on of all the functions of the Mosaic Program (and also the sockets of the market) = by associating the accessory of installation (soluclip)

Direct snap-on of the sockets for trunking Programs Mosaic and RJ45 with integrated accessory = optimal solution for the installation of the sockets into direct clipping trunking.

3 references of trunkings delivered with a cover of 45mm for clips of the equipment on all the range.

This trunking allows the universal direct snap-on of all the mechanisms 45x45 of the market.

As an innovative system, the grey snap-on trunking propose optimal association for the realization of an electrical installation perfectly adapted to the needs met in the workshop for industrial buildings.

- Target sectors: hotels, stores, shopping centres, offices, buildings architectural, industrial laboratories and workshop…

- Places of installation: all potentially visible places and that one wishes to make more discrete and/or less sensitive to the stripes, stains and dust.

Communication by color codes on packaging of the products.

- Label system on the packaging to facilitate the choice of the products.
- Flexible cover with double fixing, powerful, easy to install and which is integrated well with the angles for an irreproachable aesthetic completion.
- Clips and variability of the angles.
- Pre-drilling of the funds in the trunking with 2 compartments.

1. USE *(cont.)*

The IP40 is maintained everywhere thanks to the quality of the trunkings and accessories.

The fitter doesn't have to deal with the quality of the cut to the function of soluclip which hides any defect.

The function of anti-pullout makes it possible not to be intervened on the building site for problems of bad installation of equipment in the trunking.

The safety of the installation is it also increased by this function by eliminating the possibilities from pullout of a socket by an end user (while strongly drawing on a cord or while stumbling feet in the cords).

The function the anti-slip: the fitters will appreciate not to note an inopportune displacement of the equipment at the time of the various phases of installation (poses, wiring, road repair, closing of the covers) being able to involve errors of site of equipment or disconnection.

The grey color tinted in the mass decreases the visual perception of the visible defects of cuts possible and left by the absence of the use of the above mentioned accessories.

It also decreases the sensibility to dust.

Principle:
Integration of the color tinted in the mass for a better wear resistance and to time.

Completions:
- Brightness to give a new aspect to the product thoughout its existance

2. RANGE

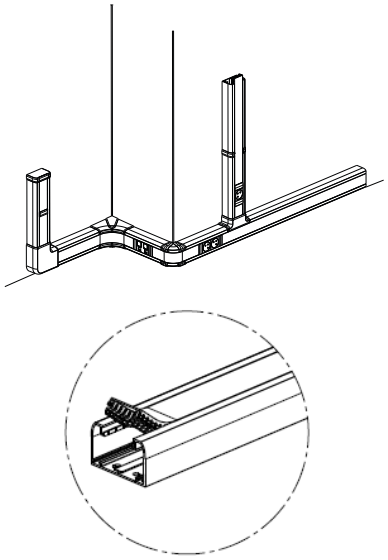
■ 2.1 Snap-on trunking (body + cover)

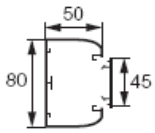
Grey RAL 7035 color

Fixing by:
- wall plugs for immediate fixing (without screw nor nail ref. 0 308 99)
- DLP rapid wall plug ref 0 308 97 (for 10mm maxi plasterboard walls at least 20mm away from the concrete surface)
- screw, nails…

Cut out using a saw (standard hacksaw)

2.1.1 - 1 Compartment trunking
50 x 80 cat. no 0 758 00



	cat. nos (body+cover)	Length (m)
	0 758 00	2

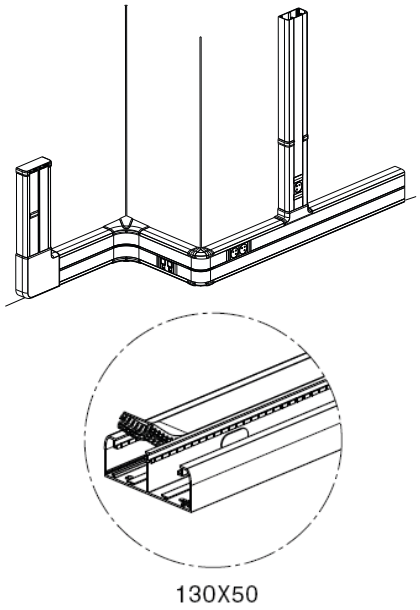
Wiring capacity

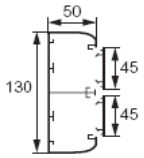
Maxi diameter: 38mm
Cross-section : 2934mm²

50x80	Maxi capacity (A)	Capacity with Mosaic wiring devices (A)
1,5 mm²	177	94
2,5 mm²	131	70
4 mm²	115	61
6 mm²	85	45
3x1,5 mm²	26	13
3x2,5 mm²	19	10
UTP & FTP Cat. 6	58	31

2. RANGE *(cont.)*

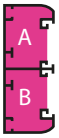
2.1.2 - 2 Compartments trunking
50x130 cat. no 0 758 02



	cat. nos (body+cover)	Length (m)
	0 758 02	2

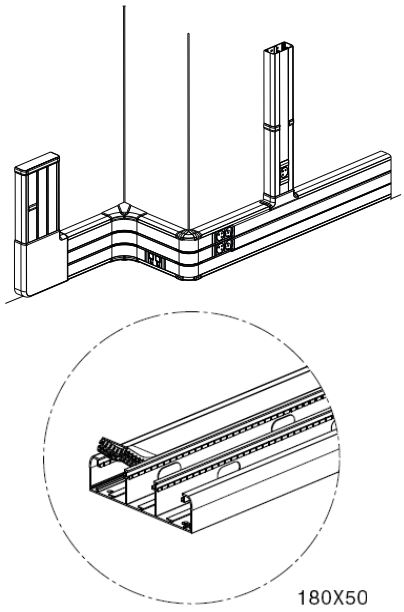
Wiring capacity

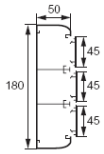
Maxi diameter: 38mm
Cross-section: 2442 mm² in each compartment

50x130 	Maxi capacity (A/B)	Capacity with Mosaic wiring devices (A/B)
1,5 mm²	148	65
2,5 mm²	109	48
4 mm²	96	42
6 mm²	71	31
3x1,5 mm²	21	9
3x2,5 mm²	16	7
UTP & FTP Cat. 6	48	21

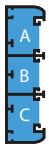
2. RANGE *(cont.)*

2.1.3 - 3 Compartments trunking
50x180 cat. no 0 758 04



	cat. nos (body+cover)	Length (m)
	0 758 04	2

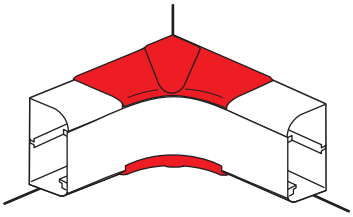
Wiring capacity
Maxi diameter: 38mm
Cross-section: 2442 mm² compartiment A/C - 1950 mm compartiment B

50x180 	Maxi capacity		Capacity with Mosaic wiring devices	
	A/C	B	A/C	B
1,5 mm²	148	118	65	35
2,5 mm²	109	87	48	26
4 mm²	96	76	42	22
6 mm²	71	55	31	16
3x1,5 mm²	21	17	9	5
3x2,5 mm²	16	12	7	3
UTP & FTP Cat. 6	48	38	21	11

2. RANGE *(cont.)*

■ 2.2 Finishing accessories

2.2.1 Internal angles

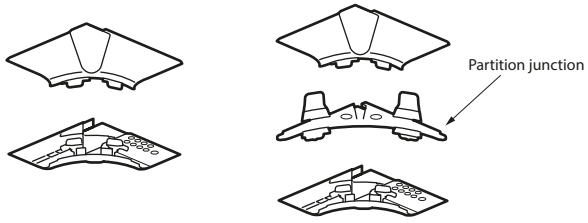


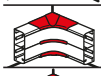
Grey RAL 7035 color.
Allows the internal junction of two trunking pieces of the same section :
- avoids miter cutting on the trunking
- compliance with the protection index (IP).

The internal angles ensure the continuity of the flexible cover over the angles, so no need to cut cover, and more aesthetic.

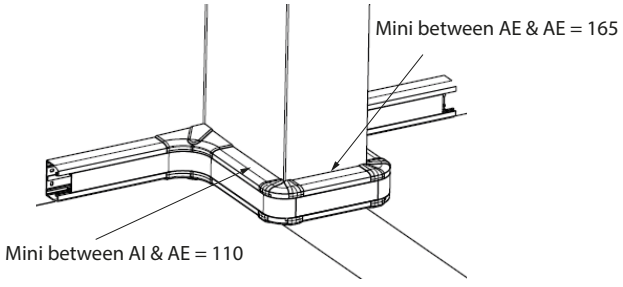
Allows for variable internal angles from 80° to 100°.

The internal angles include 2 elements for 1 compartment trunking, 3 elements for trunking 2 compartments (1 partition junction) and 4 elements for trunking 3 compartments (2 partition junctions).



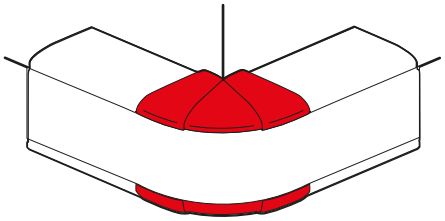
Internal angles cat. nos		for trunking		
		section (mm)	compart-ment number	cat. nos
	0 758 10	50x80	1	0 758 00
	0 758 12	50x130	2	0 758 02
	0 758 14	50x180	3	0 758 04

Mini dimensions (in mm) to be respected between internal/external angle or external/external angle



2. RANGE *(cont.)*

2.2.2 External angles

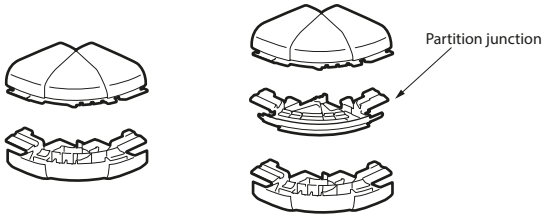


Grey RAL 7035 color.
Allows the external junction of two trunking pieces of the same section :
- avoids miter cutting on the trunking
- compliance with the protection index (IP).

The external angles ensure the continuity of the flexible cover over the angles, so no need to cut cover, and more aesthetic.

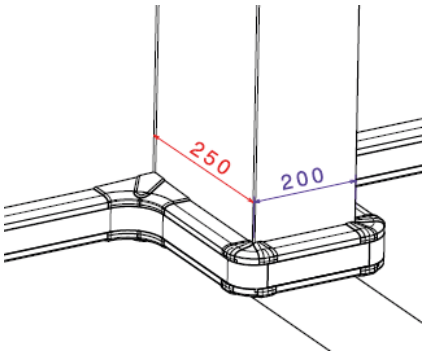
Allows for variable external angles from 85° à 120°.

The external angles include 2 elements for 1 compartment trunking, 3 elements for trunking 2 compartments (1 partition junction) and 4 elements for trunking 3 compartments (2 partition junctions).



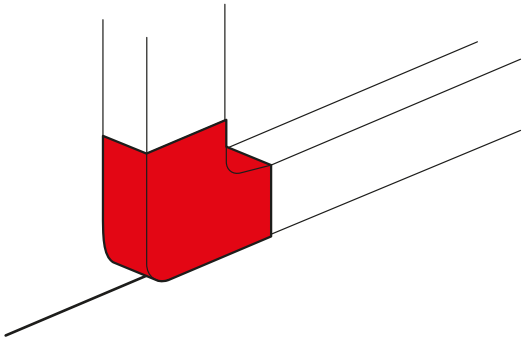
External angles cat. nos		for trunking		
		section (mm)	compar-ment number	cat. nos
	0 758 15	50x80	1	0 758 00
	0 758 17	50x130	2	0 758 02
	0 758 19	50x180	3	0 758 04

Mini dimension in mm to be respected allowing the installation of angle inter/exter: (in the case of bypassing a pole, for example.)



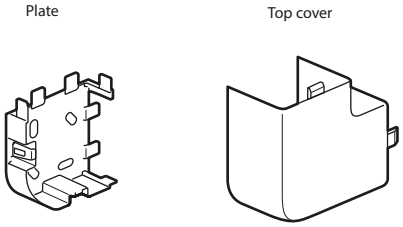
2. RANGE *(cont.)*

2.2.3 Flat angles



Grey RAL 7035 color.
Allows the flat junction of two trunking pieces of the same section :
- avoids miter cutting on the trunking
- preserves the distribution of the various currents
- compliance with the protection index (IP).

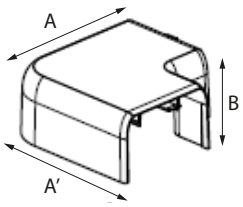
Asssembly on the trunking with or without partition.
Flat angles are not variable 90°.
The flat angles include 2 elements.



Flat angle cat. nos		for trunking		
		section (mm)	compar-ment number	cat. nos
	0 758 20	50x80	1	0 758 00
	0 758 22	50x130	2	0 758 02
	0 758 24	50x180	3	0 758 04

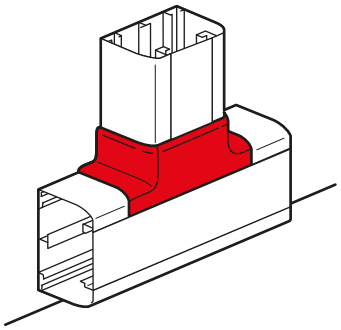
Flat angle dimensions:

	A	A'	B
L 80	123,3	123,3	52,3
L 130	175,3	175,3	52,8
L 180	226,7	226,7	



2. RANGE *(cont.)*

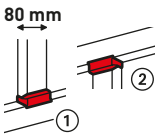
2.2.4 Flat junction for 80 mm wide trunking



Grey RAL 7035 color.

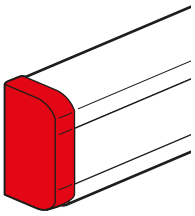
Allows:
- the T junction of two trunking pieces of the same section
- compliance with the protection index (IP).

Allows T flat junction for 80 -130 & 180 mm wide sections.
Creates a junction with snap-on trunking 50x80 mm.

Flat junction cat. no		for trunking cat. nos
	0 758 25	0 758 00/02/04

2. RANGE *(cont.)*

2.2.5 End cap

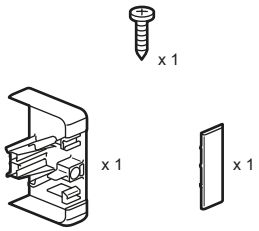


Grey RAL 7035 color.

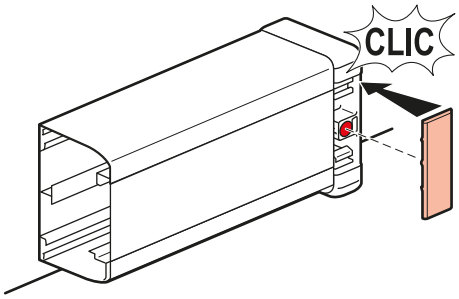
Allows to close the end of the body:
- compliance with the protection index (IP)
- improvement of aesthetics (covering of the cut)
- left or right end cap

Installation on the body by fitment and screwing.

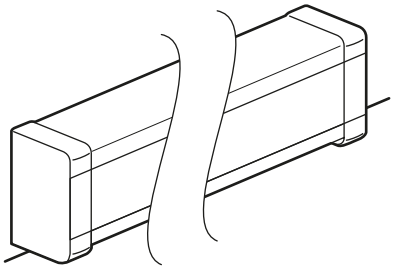
The end cap is delivered with a screw and a closing piece.



Installed from the front rather than from the side (requiring more space). Equipped with a closing piece that makes intervention on the compartments of the trunking easier.

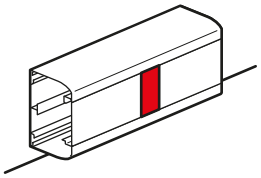


End caps cat. nos		section (mm)	compartment number	for trunking cat. nos
	0 758 05	50x80	1	0 758 00
	0 758 07	50x130	2	0 758 02
	0 758 09	50x180	3	0 758 04



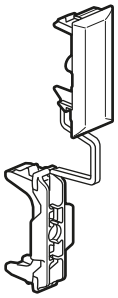
2. RANGE *(cont.)*

2.2.6 Cover joint cat. no 0 758 35

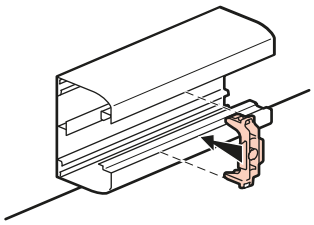


Grey RAL 7035 color.

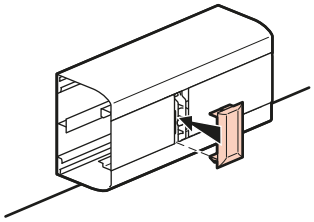
Allows:
- the end to end junction of two 45 mm covers
- maintains the protection index (IP)
- improvement of aesthetics (covering of the cut)



Snap on of the joint plate on trunking & snap on of the joint finishing piece on its plate.

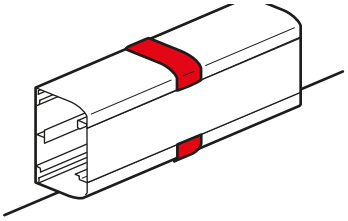


By removing the finishing piece of the cover joint, it allows easy access to the cover for removal, thus facilitating intervention in the compartment.



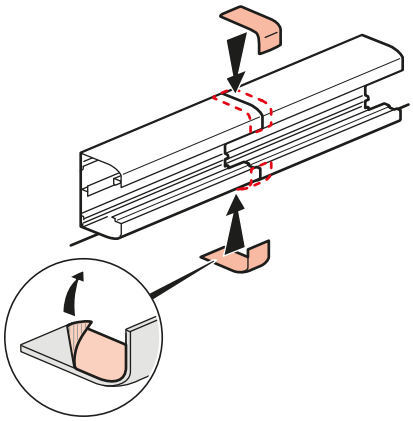
2. RANGE *(cont.)*

2.2.7 Stick-on body joint cat. no 0 758 33

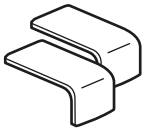


Grey RAL 7035 color.

Allows:
- the end to end junction of two same section trunkings
- maintains the protection index (IP)
- improvement of aesthetics (covering of the cut)
- fixing by adhesive, to be installed at the end of the installation

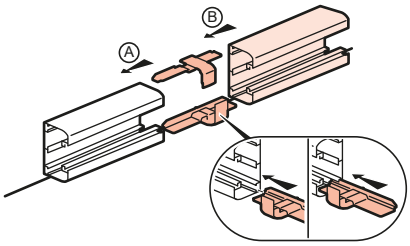


Cat. no 0 758 33
Stick-on body joint for trunking with small sides of 17mm (50x80, 50x130)



2. RANGE *(cont.)*

2.2.8 FIshplate body joint cat. nos 0 758 30

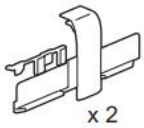


Grey RAL 7035 color.

Allows:
- A perfect alignment of two bodies of the same section, the fixation of the second body by one person, and ensures, thanks to the joint, the aesthetic finish between the two bodies by masking the joint
- maintains the protection index (IP)
- improvement of aesthetics (covering of the cut)

Set of 2

Cat. no 0 758 30
Fish plate body joint for trunking with small sides of 17 mm 50x80, 50x130 or 50x180

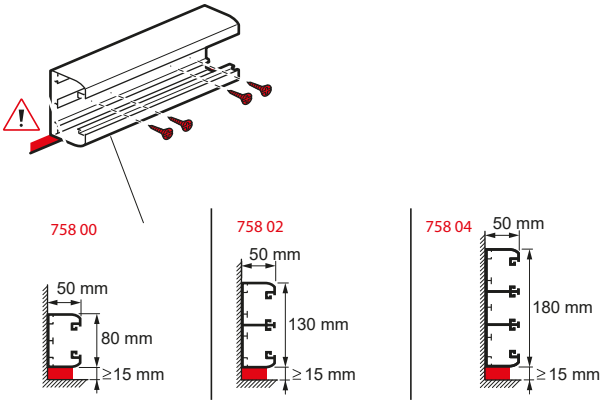


2. RANGE *(cont.)*

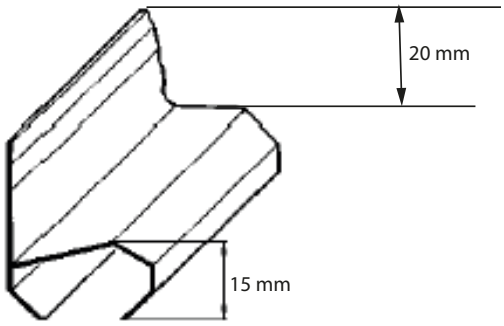
■ 2.3 Other accessories

2.3.1 Height spacer cat. no 0 105 80

Lenght 2m, color anthracite grey
For fitting 15mm from the ground in accordance with standard NF C 15-100 (when installing mains voltage wiring accessories and/or using wires)



Dimensions



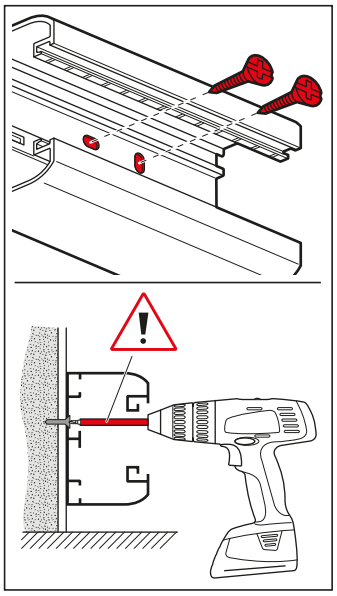
2. RANGE *(cont.)*

2.3.2 Extra partition cat. no 0 756 09

Delivered in length of 2m
White Color.
For the separation of various types of currents allows (sector, telephone, data processing…)
Fixing on the trunking body by clipping.

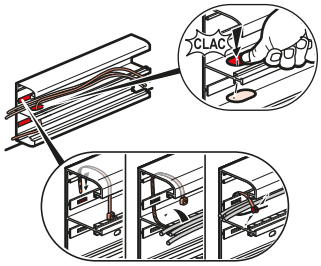
Possibility to adapt removable partitions (for the separation of the currents in the same compartment).

Bodies' bottoms equipped with holes for fixing, facilitating the leveling of the trunking (verticality/inclination) only on the trunking 50x80 cat. no 0 758 00.



-Serrated bodies at the ends associated with the Soluclip accessory (wiring devices delivered equipped with the Soluclip accessory). for getting the anti-slip function.

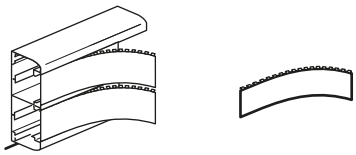
Partition hole specifications: makes easier the cabling between two compartments.



The "T" pieces at the bottom of the duct are equipped with holes allowing the passage of a clamp for retaining cables inside the compartment.

2. RANGE *(cont.)*

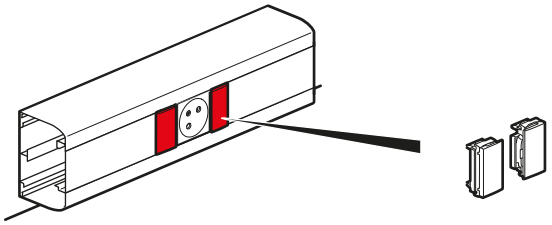
2.3.3 Flexible cover cat. no 0 758 29



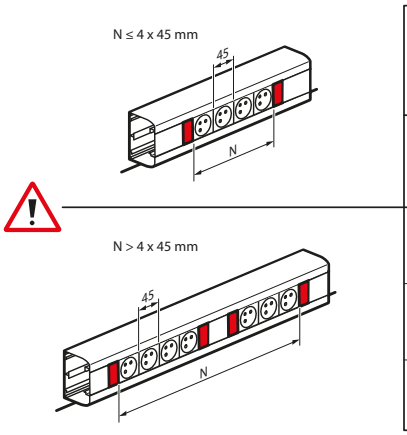
Delivered in length of 2m.
Grey RAL 7035 color.
Cut out using a saw (standard hacksaw)
Fixing on the trunking body by clip-on.

2. RANGE *(cont.)*

2.3.4 Soluclip accessory : anti-slip & anti-pullout of the wiring devices size 45 cat. no 0 758 36

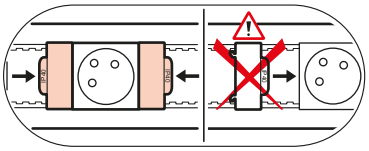


Grey RAL 7035 color.
Set of 2 pieces.
Allows :
- anti-slip
- anti-pullout
- perfect finish
- respect of the degree protection (IP4X)



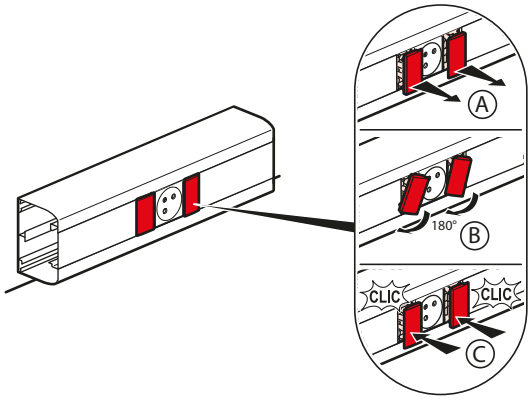
	N 45 mm
1 x 0 758 36	1 ⟶ 4
2 x 0 758 36	5 ⟶ 8
3 x 0 758 36	9 ⟶ 12
4 x 0 758 36	13 ⟶ 16

Be careful with the installation way of soluclip.



Installation principle for sockets for snap-on trunking :

A= disengage the finishing piece
B= rotate the finishing piece by 180°
C= snap on the finishing piece



3. TECHNICAL CHARACTERISTICS

Classification of trunking EN 50085-2-1

6.2 Resistance to impact for installation and application	2.0J
6.3 Minimum storage and transport temperature	- 25°C
6.3 Minimum installation and application temperature	- 5°C
6.3 Maximum application temperature	+ 60°C
6.4 Resistance to flame propagation	Non-flame propagating
6.5 Electrical continuity characteristic	Without electrical continuity characteristic
6.6 Electrical insulating characteristic	With electrical insulating characteristic
6.7 Degrees of protection provided by enclosure	IP40
6.9 The system access cover retention	With a tool
6.101 The position when surface mounted	Surface-mounted on the wall
	Surface-mounted on the ceiling
	Surface-mounted on the wall and supported by the floor (with ref 10580)
Protection against mechanical shocks	Type 1
Tension assignée	500 V
Protection contre les chocs mécaniques	IK 07

Compositions and functions of trunking (1 system per line) EN 50085-2-1

Flexible cover snap-on DLP trunking grey color			End cap
Body + cover	Cat. nos	Section (mm^2)	
50x80	0 758 00	2934	0 758 05
50x130	0 758 02	2442/2442	0 758 07
50x180	0 758 04	2442/1950/2442	0 758 09

4. MATERIAL CHARACTERISTICS

The trunkings, covers and partitions are in PVC grey RAL 7035.

Plastic accessories are in plastic ABS grey RAL 7035.