OptiLine 70 Trunking

Product Overview Catalogue

CLIPSAL®

by Schneider Electric

Simple, modular, flexible.

clipsal.com

CABLE MANAGEMENT

OptiLine 70 Trunking

Overview

Established in 1920, Clipsal by Schneider Electric is Australia's number one brand of electrical products, accessories and solutions for the residential, commercial, industrial, data, home control and energy management markets. Clipsal has evolved and grown from its Adelaide base with great success by supporting the local economy and providing products manufactured at multiple sites across Australia.
Clipsal is an electrical industry leader, dedicated to supplying you with the most innovative and sustainable solutions available. As part of Schneider Electric, the global specialist in energy management, Clipsal provides a total electrical solution for any project or application.

OptiLine 70 Trunking Solutions

OptiLine 70 is a universal installation trunking system for all types of wiring devices. OptiLine 70 Trunking provides reliable access to power, telephone and data in the workplace, conference rooms and commercial buildings. It has excellent universal functions, both as installation trunking for wiring devices and as feeder trunking.

The OptiLine 70 range is available in a choice of two materials: PVC or aluminium (lead and cadmium free). The PVC trunking and its PC/ABS accessories are white (RAL 9010), while the aluminium trunking offers PC/ABS accessories that are painted in an aluminium metallic colour to match the trunking. Both PVC and aluminium trunking are available in five sizes, with a front opening of 70mm, allowing 45mm x 45mm module wiring devices to be installed by means of adaptors. Standard Clipsal 2000 and C2000 Series accessories can also be fitted with metal shroud kits for power and data requirements.

Now incorporating a new "click-in" system, OptiLine 70 Trunking is easier than ever to install or upgrade. Modular, flexible, quicker, safer... it's the trunking solution that's innovative and good looking.

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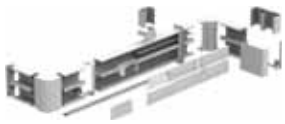

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OptiLine 70 Trunking

Product and Installation Features

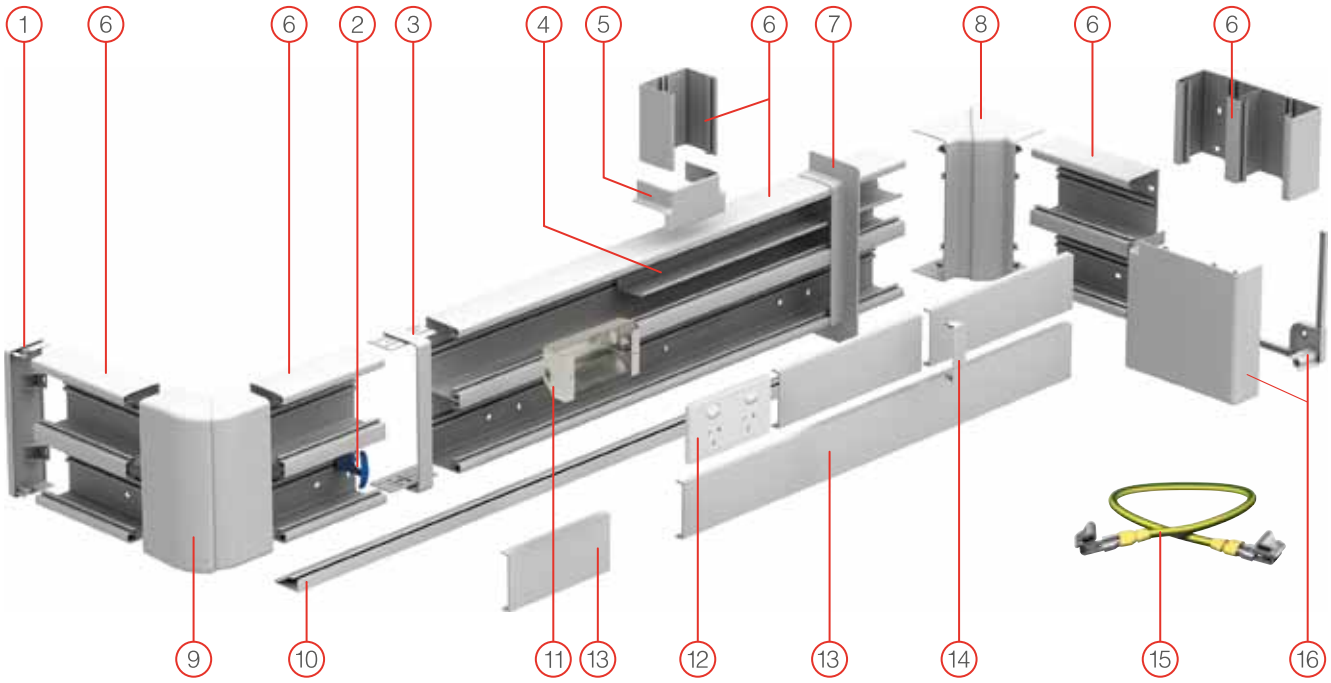
The Versatile “Click-In” Trunking Solution

OptiLine 70 Trunking is a modular trunking solution, which is ideal for most commercial applications. The innovative symmetrical, “click-in” design of OptiLine 70 Trunking makes installation fast and easy, saving you valuable time.

OptiLine 70 Trunking is compatible with a huge range of Clipsal accessories to accommodate all power and data requirements, and is suitable for Category 6, 6A and 7 data installations. The OptiLine 70 Trunking range is available in PVC and aluminium finishes with one and two compartment variations, which means there’s sure to be an OptiLine 70 Trunking solution to suit your cabling requirements.

Trunking Installation

OptiLine 70 Trunking provides the installer with an innovative symmetrical, “click-in” design.



Components

1. Stop end
2. Cable retainer
3. Joint cover piece (including jointing pieces)
4. Cable shelf
5. T-piece
6. Trunking base
7. Wall/ceiling frame
8. Adjustable internal corner
9. Adjustable external corner
10. Sealing strip
11. Power/data shroud
12. Clipsal 2000 series
13. Front cover
14. Joint cover piece for front cover
15. Earthing kit (for aluminium trunking)
16. Bend 90°, including wall fixing

OptiLine 70 Trunking

Product and Installation Features

Product Features

Easy to install - “click-in” accessories (1)

All accessories are designed for easy “click-in” mounting without tools.

- Easy installation without need of detailed instructions.
- Mounted directly without need for adaption/modification.
- Mounted when trunking is in place.

Adjustable corners (2)

The adjustable corners are delivered in one piece.

- Easy and quick to mount.
- Flexible mounting angles:
  - adjustable internal corners 80-100°
  - adjustable external corners 75-135°.

Secure front cover (3)

Reliable “click-in” function. High quality material.

- Easy to install when working on your knees.
- Works reliably (even at low temperatures).
- Cannot be opened without a tool.
- IP40 classified.

One-compartment trunking (4)

Especially suitable as a feeder of power or VDI.

- High cable capacity together with the cable retainer.
- When combining power and VDI cables, use a cable shelf or a power/data shroud for segregation.

Two-compartment trunking (5)

Suitable for all types of installations of power and VDI.

- Good separation of VDI and power cables.
- High cable capacity.
- The cable retainer can be used in both compartments.

Wiring device gives clean finish (6)

- Clean finish with the cut edge of the front cover concealed.
- IP40 rating.

Modular device adaptor (7)

The range includes a three-module modular device adaptor.

- Increased possibilities when planning the installation.
- Decentralised protection architecture.
- Modularity with maximum flexibility and compatibility with Clipsal MCBs, RCDs and timers.

Smart package (8)

Trunking base and front covers are packed together, but not assembled.

- Easy handling.
- Prevents damage, and the covers are protected until final installation.

OptiLine 70 Trunking

Product and Installation Features

Installation Features

Symmetrical and smooth trunking design (1)

The trunking base is symmetrical and has a rounded shape.

- Easy and safe mounting.
- No risk of installing the trunking upside-down.
- The trunking shape guides the accessories in place.

Efficient mounting support (2)

The trunking profiles are prepared for fast, exact and reliable installation.

- Pre-punched oval holes are located every 250mm.
- Easy to make X and Y adjustments.

Perfect joints (3)

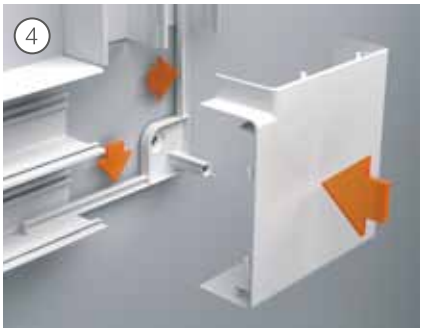
Two jointing pieces for exact levelling, and a click-in joint cover piece to hide the gap.

- Perfect joints.
- No tools needed.
- Joint cover in one piece.
- The jointing pieces can also be used without joint cover piece – just turn them the other way round.

Perfect bends (4)

The bend kit includes an adjustable fixing device to be screw-fitted to the wall.

- Large tolerances when cutting and fixing the trunking.
- Self-guiding mounting of the bend piece.
- Perfect result and finish.

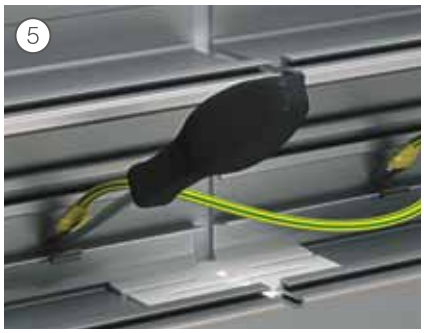


Easy earthing of aluminium trunking (5)

The trunking base and front cover has easily accessible Earthing rails.

A pre-mounted Earthing Kit is available on one reference number.

- Easy to order.
- Quick and easy to mount.
- Screwless mounting.



The cable retainer – a helping hand (6)

The cable retainer keeps the cables in place inside the trunking during the installation.

- Faster installation.
- One person can do the work.
- Blue colour for quick identification.
- Can remain in place after the installation.

OptiLine 70 Trunking

PVC Trunking and Accessories

OptiLine 70 PVC Trunking

OptiLine 70 PVC Trunking is ideal for any commercial cabling installation requiring a clean white finish to blend in with interior décor. The OptiLine 70 PVC Trunking range is available in one or two compartment options, with a selection of five sizes:

- 80mm x 55mm
- 95mm x 55mm
- 120mm x 55mm
- 155mm x 55mm
- 185mm x 55mm.

All OptiLine 70 Trunking, is compatible with a huge range of Clipsal accessories.

OptiLine 70 PVC Trunking (One Compartment)

Installation trunking including one compartment trunking base and front cover. The trunking base has pre-punched mounting holes every 250mm and can be provided with cable shelves. The 70mm front opening allows wiring devices to be mounted by using a power/data shroud. Trunking base and front cover are supplied unassembled with separate protective foil, in lengths of 2m.
Material: PVC.

Installation trunking with one compartment

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11100	2000mm	85mm	55mm	White RAL 9010	6
ISM11200	2000mm	95mm	55mm	White RAL 9010	6
ISM11300	2000mm	120mm	55mm	White RAL 9010	6

ISM11100

ISM11200

ISM11300

OptiLine 70 PVC Trunking (Two Compartments)

Installation trunking including two compartment trunking base and two front covers. The trunking base has pre-punched mounting holes every 250mm and can be provided with cable shelves. The integrated partition wall has pre-punched slots every 250mm to facilitate cable laying. The 70mm front opening allows wiring devices to be mounted by using a power/data shroud. Trunking base and front cover are supplied not assembled with separate protective foil, in lengths of 2m.
Material: PVC.

Installation trunking with two compartments

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11400	2000mm	155mm	55mm	White RAL 9010	4
ISM11500	2000mm	185mm	55mm	White RAL 9010	4

ISM11400

ISM11500

OptiLine 70 Trunking

PVC Trunking and Accessories

OptiLine 70 Trunking Internal Corner

Adjustable internal corner for 80°-100° angling for PVC trunking.
Material: PC/ABS.

Internal corner

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11101	117mm	89mm	117mm	White RAL 9010	1
ISM11201	117mm	104mm	117mm	White RAL 9010	1
ISM11301	117mm	129mm	117mm	White RAL 9010	1
ISM11401	117mm	164mm	117mm	White RAL 9010	1
ISM11501	117mm	194mm	117mm	White RAL 9010	1

	Description
ISM11101	For trunking 80mm x 55mm
ISM11201	For trunking 95mm x 55mm
ISM11301	For trunking 120mm x 55mm
ISM11401	For trunking 155mm x 55mm
ISM11501	For trunking 185mm x 55mm

ISM11101

OptiLine 70 Trunking External Corner

Adjustable external corner for 75°-135° angling for PVC trunking.
Material: PC/ABS.

External corner

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11102	105mm	89mm	105mm	White RAL 9010	1
ISM11202	105mm	104mm	105mm	White RAL 9010	1
ISM11302	105mm	129mm	105mm	White RAL 9010	1
ISM11402	105mm	164mm	105mm	White RAL 9010	1
ISM11502	105mm	194mm	105mm	White RAL 9010	1

	Description
ISM11102	For trunking 80mm x 55mm
ISM11202	For trunking 95mm x 55mm
ISM11302	For trunking 120mm x 55mm
ISM11402	For trunking 155mm x 55mm
ISM11502	For trunking 185mm x 55mm

ISM11102

OptiLine 70 Trunking 90° Flat Bend

90° bend kit for angling PVC trunking upwards and downwards. Includes bend piece and fixing device to be screw-fitted to the wall.
Material: PC/ABS.

90° flat bend kit

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11103	107mm	107mm	57mm	White RAL 9010	1
ISM11203	122mm	122mm	57mm	White RAL 9010	1
ISM11303	147mm	147mm	57mm	White RAL 9010	1
ISM11403	182mm	182mm	57mm	White RAL 9010	1
ISM11503	212mm	212mm	57mm	White RAL 9010	1

	Description
ISM11103	For trunking 80mm x 55mm
ISM11203	For trunking 95mm x 55mm
ISM11303	For trunking 120mm x 55mm
ISM11403	For trunking 155mm x 55mm
ISM11503	For trunking 185mm x 55mm

ISM11103

OptiLine 70 Trunking Stop End

Stop end for PVC trunking. Fast-fitting with locking clips. Screw-fixing possible for extra security.
Material: PC/ABS.

Stop end

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11104	21mm	64mm	56mm	White RAL 9010	2
ISM10204	21mm	99mm	56mm	White RAL 9010	2
ISM11304	21mm	124mm	56mm	White RAL 9010	2
ISM11404	21mm	159mm	56mm	White RAL 9010	2
ISM10504	21mm	189mm	56mm	White RAL 9010	2

	Description
ISM11104	For trunking 80mm x 55mm
ISM10204	For trunking 95mm x 55mm
ISM11304	For trunking 120mm x 55mm
ISM11404	For trunking 155mm x 55mm
ISM10504	For trunking 185mm x 55mm

ISM11104

OptiLine 70 Trunking

PVC Trunking and Accessories

OptiLine 70 Trunking Wall/Ceiling Frame

Wall/ceiling frame to be fitted around PVC trunking at wall or ceiling passage. Easily modified to C or L-profile, depending on how the passage is made.
Snap-fitted, with a screw-fixing option for high security.
Material: PC/ABS.

Wall/ceiling frame

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11105	22mm	135mm	82mm	White RAL 9010	1
ISM11205	22mm	150mm	82mm	White RAL 9010	1
ISM11305	22mm	175mm	82mm	White RAL 9010	1
ISM11405	22mm	210mm	82mm	White RAL 9010	1
ISM11505	22mm	240mm	82mm	White RAL 9010	1

	Description
ISM11105	For trunking 80mm x 55mm
ISM11205	For trunking 95mm x 55mm
ISM11305	For trunking 120mm x 55mm
ISM11405	For trunking 155mm x 55mm
ISM11505	For trunking 185mm x 55mm

ISM11105

OptiLine 70 Trunking Joint Cover Piece Kit

Joint cover piece is supplied and mounted together with two jointing pieces. Intended to cover joints between two PVC trunking sections. Easy to remove when upgrading the installation.
Material: PC/ABS.

Joint cover piece kit

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11106	100mm	85mm	57mm	White RAL 9010	1
ISM11206	100mm	100mm	57mm	White RAL 9010	1
ISM11306	100mm	125mm	57mm	White RAL 9010	1
ISM11406	100mm	160mm	57mm	White RAL 9010	1
ISM11506	100mm	190mm	57mm	White RAL 9010	1

	Description
ISM11106	For trunking 80mm x 55mm
ISM11206	For trunking 95mm x 55mm
ISM11306	For trunking 120mm x 55mm
ISM11406	For trunking 155mm x 55mm
ISM11506	For trunking 185mm x 55mm

ISM11106

OptiLine 70 Trunking T-Piece

T-piece intended to connect a vertical PVC trunking 80mm x 55mm to a horizontal PVC trunking 80mm x 55mm, 95mm x 55mm, 120mm x 55mm, 155mm x 55mm or 185mm x 55mm.
Material: PC/ABS.

T-piece

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11107	102mm	52mm	57mm	White RAL 9010	1

ISM11107

OptiLine 70 Trunking Front Cover

Front cover to be snap-fitted in trunking with a 70mm front opening. Supplied with protective foil, in lengths of 2m.
Material: PVC.

Front cover

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11900	2000mm	71mm	13mm	White RAL 9010	12

ISM11900

OptiLine 70 Cable Retainer

Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation phase. Also providing increased cable capacity when used in a one-compartment trunking. No need to remove the retainer when fitting the front cover.
Material: PA.

Cable retainer

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11901	25mm	42mm	48mm	Blue	5

ISM11901

OptiLine 70 Cable Shelf

Single cable shelf to be mounted in the trunking base, providing separation between power and low voltage cables. Supplied in lengths of 1m.
Material: PVC.

Cable shelf

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM10902	1000mm	17mm	47mm	White RAL 9010	24

ISM10902

OptiLine 70 Trunking

PVC Trunking and Accessories

OptiLine 70 Trunking Joint Cover Piece For Front Cover

Joint cover piece intended to cover joints between two PVC front covers.
Material: PC/ABS.

Joint cover piece for front cover

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11903	23mm	71mm	24mm	White RAL 9010	5

ISM11903

OptiLine 70 Trunking Jointing Piece

Internal jointing piece intended to facilitate jointing of two PVC or aluminium trunking bases. May also be used to mount the joint cover piece.
Material: PC/ABS.

Jointing piece

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11904	100mm	4mm	39mm	White RAL 9010	10

ISM11904

OptiLine 70 Trunking Sealing Strip

Sealing strip to be fitted between trunking and floor for a 10mm-15mm coverage.
Supplied in lengths of 2m.
Material: PVC.

Sealing strip

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM10905	2000mm	17mm	40mm	White RAL 9010	12

ISM10905

OptiLine 70 Lid Removal Tool

Lid removal tool to easily remove the OptiLine 70 Trunking lid.
Material: Plastic.

Removal tool

Cat. No.	Length	Width	Depth	Colour	Pack Qty
CPL5900900	160mm	136mm	10mm	Black	1

CPL5900900

OptiLine 70 Trunking Modular Device Adaptor (Three-Module)

Three-module adaptor for modular devices, such as Clipsal MCBs, RCDs and timers. Comes with transparent grey cover.
Material: PC/ABS.

Module device adaptor (three-module)
For 1-3 modular devices

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM15000	185mm	73mm	94mm	White RAL 9010	1

ISM15000

OptiLine 70 Power/Data Shroud

Power/data shroud for Clipsal 2000 and C2000 Series Power Outlets and accessories.
Material: Galvanised steel.

Power/data shroud

Cat. No.	Length	Width	Depth	Colour	Pack Qty
MDEOLSPTD	115mm	63mm	47mm	Gal Steel	1

MDEOLSPTD

Cable Bending Protection

Cable bending protection provides minimum bending radius for cables at corner locations.
Material: PC/ABS.

Cable bending protection

Cat. No.	Length	Width	Depth	Colour	Pack Qty
INS12310	68mm	68mm	20mm	White	5

INS12310

OptiLine 70 Trunking

Aluminium Trunking and Accessories

OptiLine 70 Aluminium Trunking

OptiLine 70 Aluminium Trunking is ideal for any commercial cabling installation requiring a metallic finish to complement interior décor. The OptiLine 70 Aluminium Trunking range is available in one or two compartment options, with a selection of five sizes:

- 80mm x 55mm
- 95mm x 55mm
- 120mm x 55mm
- 155mm x 55mm
- 185mm x 55mm.

All OptiLine 70 Trunking, is compatible with a huge range of Clipsal accessories.

OptiLine 70 Aluminium Trunking (One Compartment)

Installation trunking including one compartment trunking base and front cover. The trunking base has pre-punched mounting holes every 250mm and can be provided with cable shelves. The 70mm front opening allows wiring devices to be mounted by using a power/data shroud. Trunking base and front cover are supplied unassembled with separate protective foil, in lengths of 2m.
Material: Aluminium.

Installation trunking with one compartment

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11150	2000mm	80mm	55mm	Anodized	3
ISM11250	2000mm	95mm	55mm	Anodized	3
ISM11350	2000mm	120mm	55mm	Anodized	3

ISM11150

ISM11250

ISM11350

OptiLine 70 Aluminium Trunking (Two Compartments)

Installation trunking including two-compartment trunking base and two front covers. The trunking base has pre-punched mounting holes every 250mm and can be provided with cable shelves. The 70mm front opening allows wiring devices to be mounted by using a power/data shroud. Trunking base and front cover are supplied not assembled with separate protective foil, in lengths of 2m.
Material: Aluminium.

Installation trunking with two compartments

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11450	2000mm	155mm	55mm	Anodized	2
ISM11550	2000mm	185mm	55mm	Anodized	2

ISM11450

ISM11550

OptiLine 70 Trunking

Aluminium Trunking and Accessories

OptiLine 70 Trunking Internal Corner

Adjustable internal corner for 80°-100° angling of aluminium trunking.
Material: PC/ABS, painted.

Internal corner

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11151	117mm	89mm	117mm	Alu Metallic	1
ISM11251	117mm	104mm	117mm	Alu Metallic	1
ISM11351	117mm	129mm	117mm	Alu Metallic	1
ISM11451	117mm	164mm	117mm	Alu Metallic	1
ISM11551	117mm	194mm	117mm	Alu Metallic	1

	Description
ISM11151	For trunking 80mm x 55mm
ISM11251	For trunking 95mm x 55mm
ISM11351	For trunking 120mm x 55mm
ISM11451	For trunking 155mm x 55mm
ISM11551	For trunking 185mm x 55mm

ISM11151

OptiLine 70 Trunking External Corner

Adjustable external corner for 75°-135° angling of aluminium trunking.
Material: PC/ABS, painted.

External corner

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11152	105mm	89mm	105mm	Alu Metallic	1
ISM11252	105mm	104mm	105mm	Alu Metallic	1
ISM11352	105mm	129mm	105mm	Alu Metallic	1
ISM11452	105mm	164mm	105mm	Alu Metallic	1
ISM11552	105mm	194mm	105mm	Alu Metallic	1

	Description
ISM11152	For trunking 80mm x 55mm
ISM11252	For trunking 95mm x 55mm
ISM11352	For trunking 120mm x 55mm
ISM11452	For trunking 155mm x 55mm
ISM11552	For trunking 185mm x 55mm

ISM11152

OptiLine 70 Trunking 90° Flat Bend

90° bend kit for angling aluminium trunking upwards and downwards. Including bend piece and fixing device to be screw-fitted to the wall.
Material: PC/ABS, painted.

90° flat bend kit

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11153	107mm	107mm	57mm	Alu Metallic	1
ISM11253	122mm	122mm	57mm	Alu Metallic	1
ISM11353	147mm	147mm	57mm	Alu Metallic	1
ISM11453	182mm	182mm	57mm	Alu Metallic	1
ISM11553	212mm	212mm	57mm	Alu Metallic	1

	Description
ISM11153	For trunking 80mm x 55mm
ISM11253	For trunking 95mm x 55mm
ISM11353	For trunking 120mm x 55mm
ISM11453	For trunking 155mm x 55mm
ISM11553	For trunking 185mm x 55mm

ISM11153

OptiLine 70 Trunking Stop End

Stop end for aluminium trunking. Including screw and nut to fix the stop end in the trunking base.
Material: PC/ABS, painted.

Stop end

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11154	21mm	64mm	56mm	Alu Metallic	2
ISM11254	21mm	99mm	56mm	Alu Metallic	2
ISM11354	21mm	124mm	56mm	Alu Metallic	2
ISM11454	21mm	159mm	56mm	Alu Metallic	2
ISM10554	21mm	189mm	56mm	Alu Metallic	2

	Description
ISM11154	For trunking 80mm x 55mm
ISM11254	For trunking 95mm x 55mm
ISM11354	For trunking 120mm x 55mm
ISM11454	For trunking 155mm x 55mm
ISM10554	For trunking 185mm x 55mm

ISM10554

OptiLine 70 Trunking

Aluminium Trunking and Accessories

OptiLine 70 Trunking Wall/Ceiling Frame

Wall/ceiling frame to be fitted around aluminium trunking at wall or ceiling passage. Easily modified to C or L-profile, depending on how the passage is made. Snap-fitted, with a screw-fixing option for high security.
Material: PC/ABS, painted.

Wall/ceiling frame

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11155	22mm	135mm	82mm	Alu Metallic	1
ISM11255	22mm	150mm	82mm	Alu Metallic	1
ISM11355	22mm	175mm	82mm	Alu Metallic	1
ISM11455	22mm	210mm	82mm	Alu Metallic	1
ISM11555	22mm	240mm	82mm	Alu Metallic	1

	Description
ISM11155	For trunking 80mm x 55mm
ISM11255	For trunking 95mm x 55mm
ISM11355	For trunking 120mm x 55mm
ISM11455	For trunking 155mm x 55mm
ISM11555	For trunking 185mm x 55mm

ISM11155

OptiLine 70 Trunking Joint Cover Piece Kit

Joint cover piece, supplied and mounted together with two jointing pieces. Intended to cover joints between two aluminium trunking sections. Easy to remove in case of installation upgrades.
Material: PC/ABS, painted.

Joint cover piece kit

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11156	100mm	85mm	57mm	Alu Metallic	1
ISM11256	100mm	100mm	57mm	Alu Metallic	1
ISM11356	100mm	125mm	57mm	Alu Metallic	1
ISM11456	100mm	160mm	57mm	Alu Metallic	1
ISM11556	100mm	190mm	57mm	Alu Metallic	1

	Description
ISM11156	For trunking 80mm x 55mm
ISM11256	For trunking 95mm x 55mm
ISM11356	For trunking 120mm x 55mm
ISM11456	For trunking 155mm x 55mm
ISM11556	For trunking 185mm x 55mm

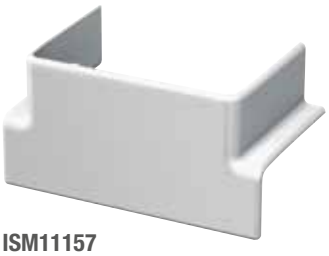
ISM11156

OptiLine 70 Trunking T-Piece

T-piece intended to connect a vertical aluminium trunking 80mm x 55mm to a horizontal aluminium trunking 80mm x 55mm, 95mm x 55mm, 120mm x 55mm, 155mm x 55mm or 185mm x 55mm.
Material: PC/ABS, painted.

T-piece

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11157	102mm	52mm	57mm	Alu Metallic	1



ISM11157

OptiLine 70 Trunking Front Cover

Front cover to be snap-fitted in trunking with a 70mm front opening. Supplied with protective foil, in lengths of 2m.
Material: Aluminium

Front cover

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11950	2000mm	71mm	13mm	Anodized	12

ISM11950

OptiLine 70 Cable Retainer

Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation. Also provides increased cable capacity when used in a one compartment trunking. No need to remove the retainer when fitting the front cover.
Material: PA.

Cable retainer

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11901	25mm	42mm	48mm	Blue	5

ISM11901

OptiLine 70 Cable Shelf

Single cable shelf to be mounted in the trunking base, providing separation between power and low voltage cables. Supplied in lengths of 1m.
Material: PVC.

Cable shelf

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM10902	1000mm	17mm	47mm	White RAL 9010	24

ISM10902

OptiLine 70 Trunking

Aluminium Trunking and Accessories

OptiLine 70 Trunking Joint Cover Piece For Front Cover

Joint cover piece intended to cover joints between two aluminium front covers.
Material: PC/ABS, painted.

Joint cover piece for front cover

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11951	23mm	71mm	24mm	Alu Metallic	5

ISM11951

OptiLine 70 Trunking Jointing Piece

Internal jointing piece intended to facilitate jointing of two PVC or aluminium trunking bases. May also be used to mount the joint cover piece.
Material: PC/ABS.

Jointing piece

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM11904	100mm	4mm	39mm	White RAL 9010	10

ISM11904

OptiLine 70 Trunking Sealing Strip

Sealing strip to be fitted between trunking and floor for a 10mm-15mm coverage.
Supplied in lengths of 2m.
Material: PVC.

Sealing strip

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM10905	2000mm	17mm	40mm	White RAL 9010	12

ISM10905

OptiLine 70 Lid Removal Tool

Lid removal tool to easily remove the OptiLine 70 Trunking lid.
Material: Plastic.

Removal tool

Cat. No.	Length	Width	Depth	Colour	Pack Qty
CPL5900900	160mm	136mm	10mm	Black	1

CPL5900900

OptiLine 70 Jointing/Earth Piece

Internal jointing and Earthing piece, intended for jointing and Earthing of two aluminium trunking bases. Includes two screws.
Material: Zinc.

Jointing/Earth piece

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM10955	66mm	4mm	6mm	Zinc	10

ISM10955

OptiLine 70 Earthing Clamp

Earthing clamp to be used for bonding of front cover, trunking base and accessories to Earth.
Material: Steel.

Earthing clamp

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM10952	9mm	9mm	9mm	Steel	20

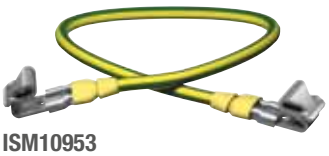
ISM10952

OptiLine 70 Earthing Kit

Kit includes Earth wire with flat pin connectors and Earthing clamps. To be used to connect the front cover to the base profile or two lengths of trunking.

Earthing kit

Cat. No.	Length	Colour	Pack Qty
ISM10953	200mm	Yellow/Green	10
ISM10954	300mm	Yellow/Green	10



ISM10953

OptiLine 70 Trunking

Aluminium Trunking and Accessories

OptiLine 70 Trunking Modular Device Adaptor (Three-Module)

Three-module adaptor for modular devices, such as Clipsal MCBs, RCDs and timers. Comes with transparent grey cover.
Material: PC/ABS.

Module device adaptor (three-module) For 1-3 modular devices

Cat. No.	Length	Width	Depth	Colour	Pack Qty
ISM15005	185mm	73mm	94mm	Alu metalic	1

ISM15005

OptiLine 70 Power/Data Shroud

Power/data shroud for Clipsal 2000 and C2000 Series Power Outlets and accessories.
Material: Galvanised steel.

Power/data shroud

Cat. No.	Length	Width	Depth	Colour	Pack Qty
MDEOLSPTD	115mm	63mm	47mm	Gal Steel	1

MDEOLSPTD

Cable Bending Protection

Cable bending protection provides minimum bending radius for cables at corner locations.
Material: PC/ABS.

Cable bending protection

Cat. No.	Length	Width	Depth	Colour	Pack Qty
INS12310	68mm	68mm	20mm	White	5

INS12310

The Right Fit For Any Project

Whether you require a PVC or aluminium finish, OptiLine 70 Trunking has the right fit for your project. Available in one and two compartment designs, with a generous 70mm front opening and 55mm deep, OptiLine 70 Trunking can accommodate your specific cabling requirements.

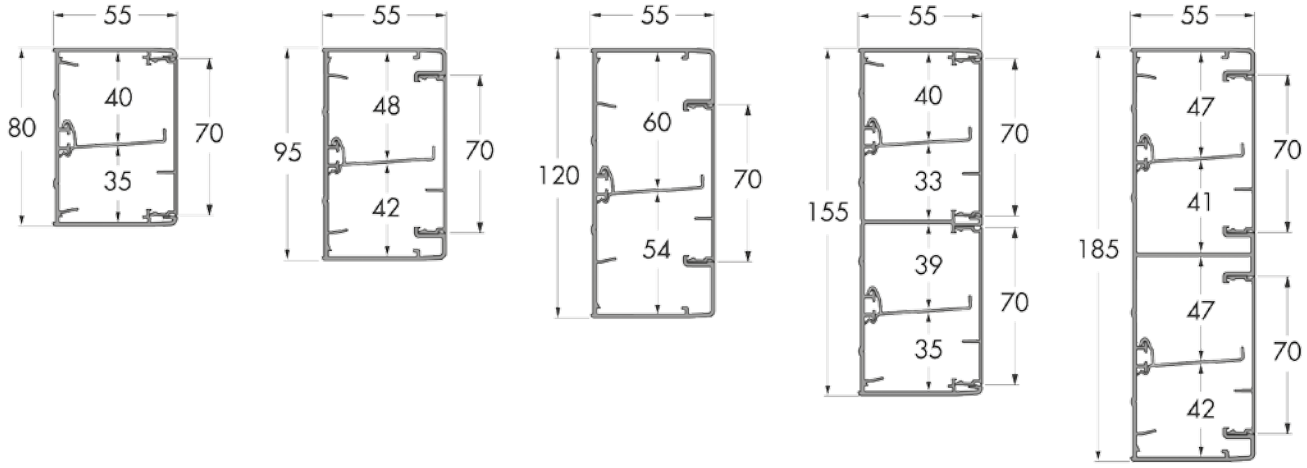
OptiLine 70 Trunking

Trunking Dimensions and Cable Capacity

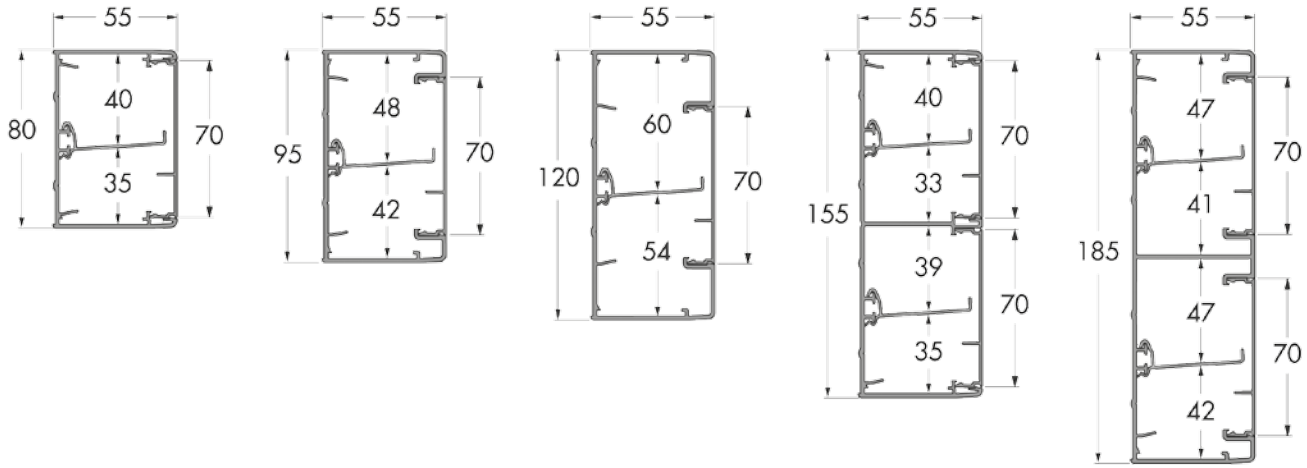
OptiLine 70 Trunking Dimensions

OptiLine 70 Trunking is available in a range of dimensions for PVC and aluminium trunking.

PVC trunking dimensions in millimeters (mm)



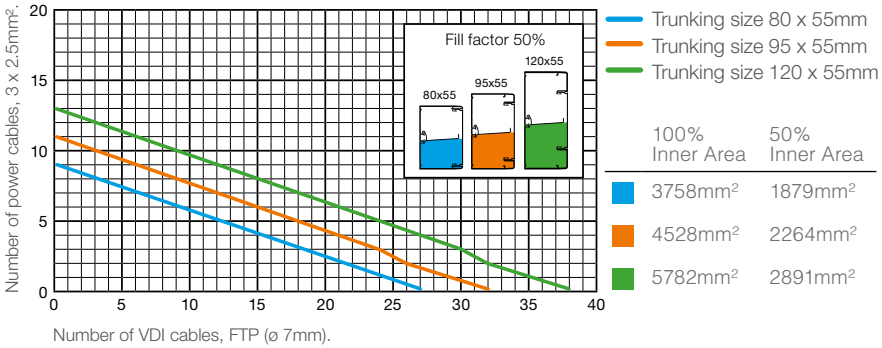
Aluminium trunking dimensions in millimeters (mm)



Calculating OptiLine 70 Trunking Cable Capacity

80mm x 55mm, 95mm x 55mm and 120mm x 55mm without outlets.

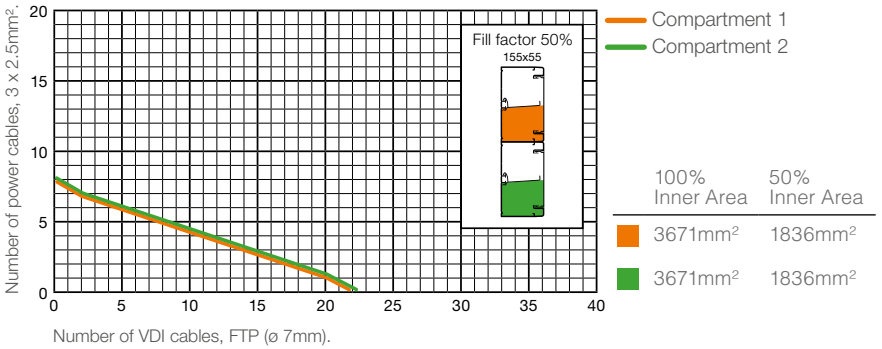
If the trunking is used as a feeder trunking, please use this guide to calculate the cable capacity.



	100% Inner Area	50% Inner Area
Trunking size 80 x 55mm	3758mm²	1879mm²
Trunking size 95 x 55mm	4528mm²	2264mm²
Trunking size 120 x 55mm	5782mm²	2891mm²

155mm x 55mm without outlets.

If the trunking is used as a feeder trunking, please use this guide to calculate the cable capacity.



	100% Inner Area	50% Inner Area
Compartment 1	3671mm²	1836mm²
Compartment 2	3671mm²	1836mm²

Note.

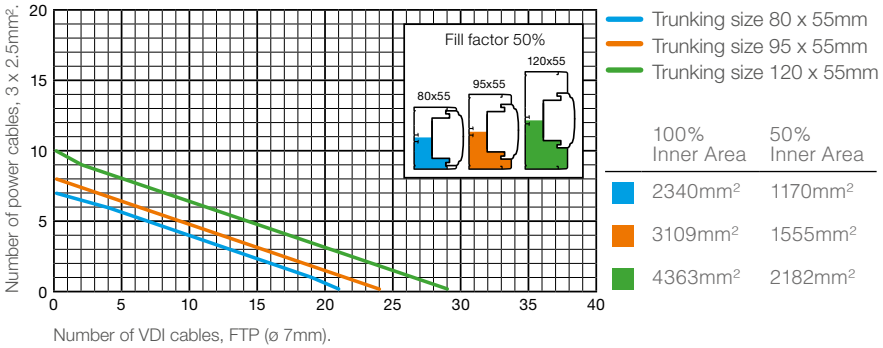
These are recommended cable quantities only. Cable installer should ensure compliance with Australian/New Zealand Standard for Wiring Rules (AS/NZS 3000:2007). Maximum Data cable quantities should be based on vendor recommendation.

OptiLine 70 Trunking

Trunking Dimensions and Cable Capacity

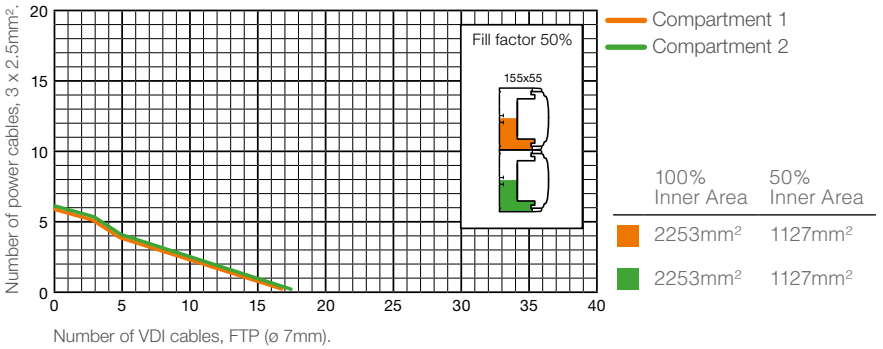
80mm x 55mm, 95mm x 55mm and 120mm x 55mm with outlets.

If the trunking is used as an installation trunking, please use this guide to calculate the cable capacity.



155mm x 55mm without outlets.

If the trunking is used as an installation trunking, please use this guide to calculate the cable capacity.



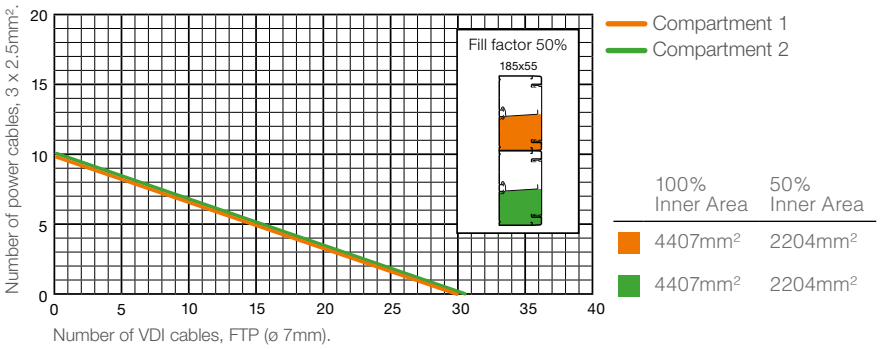
Note.

These are recommended cable quantities only. Cable installer should ensure compliance with Australian/New Zealand Standard for Wiring Rules (AS/NZS 3000:2007). Maximum Data cable quantities should be based on vendor recommendation.

Calculating OptiLine 70 Trunking Cable Capacity

185mm x 55mm without outlets.

If the trunking is used as a feeder trunking, please use this guide to calculate the cable capacity.



	100% Inner Area	50% Inner Area
Compartment 1	4407mm²	2204mm²
Compartment 2	4407mm²	2204mm²

Note.

These are recommended cable quantities only. Cable installer should ensure compliance with Australian/New Zealand Standard for Wiring Rules (AS/NZS 3000:2007). Maximum Data cable quantities should be based on vendor recommendation.

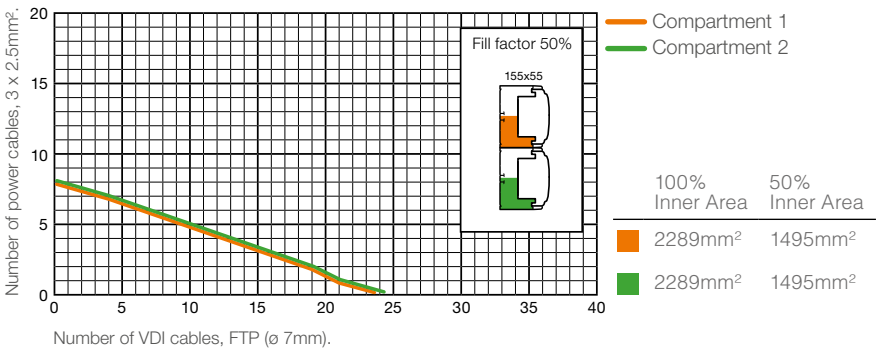
OptiLine 70 Trunking

Trunking Dimensions and Cable Capacity

Calculating OptiLine 70 Trunking Cable Capacity

185mm x 55mm with outlets.

If the trunking is used as an installation trunking, please use this guide to calculate the cable capacity.



Note.

These are recommended cable quantities only. Cable installer should ensure compliance with Australian/New Zealand Standard for Wiring Rules (AS/NZS 3000:2007). Maximum Data cable quantities should be based on vendor recommendation.

Technical and Material Data		
PVC (self-extinguishing, lead and cadmium-free)	Density	1.5g/cm³
	Linear expansion	60 x 10 –6/°C
	Water absorption	Less than 0.2%
	Volume resistivity	>1013 Ω cm
	Fire rating	UL 94 V0 (0.8mm)
	Fire/smoke/toxicity	AS/NZS 3000:2000
	Colour	White RAL 9010
Aluminium	Density	2.7g/cm³
	Linear expansion	2.4 x 10 –5/°C
	Surface treatment	Natural anodising
PC/ABS	Density	1.14g/cm³
	Linear expansion	70 x 10–6/°C
	Water absorption	0.6%
	Volume resistivity	>1013 Ω cm
	Dielectric strength	19kV/mm
	Fire rating	UL 94 HB
	Colours	White RAL 9010 Aluminium metallic (painted) White (unspecified)
PA (polyamide), halogen-free	Density	1.16g/cm³
	Water absorption	2.0%
	Volume resistivity	>1012 Ω cm
	Dielectric strength	45kV/mm
	Fire rating	UL 94 V0
	Colour	Blue NCS S 3050-R90B
PC+ASA	Density	1.15g/cm³
	Linear expansion	80 x 10–6/°C
	Water absorption	0.6%
	Volume resistivity	>1013 Ω cm
	Dielectric strength	17kV/mm
	Fire rating	UL 94 HB
	Colours	White RAL 9010 Aluminium metallic
PBT with 30% glass-fibre	Density	1.52g/cm³
	Linear expansion	40-70x10–6 /°C
	Fire rating	UL 94 HB (1.5mm)
	Colour	Light grey
Degree of protection	IP40	
Temperature range	Operating temperature from -25°C to +60°C	
Resistance to impact	PVC trunking 2J (IK07)	
	PC/ABS accessories 2J (IK07)	
Standards	The products comply with the standards:	
	• AS/NZS 4296:1995	

OptiLine 70 Trunking

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