











Our Group

Megapower was incorporated in Malaysia in 1990 as a supplier of PVC cable management system and wiring accessories. By continuous expansion, Megapower is now well equipped with its in-house facilities for plastic extrusion and injection, which include tooling, testing and production technologies such as compounding, on-line and off-line finishing, down-stream engineering and packaging.

Megapower has joint ventured with Legrand France in November 2011. Legrand is a worldwide specialist in electrical and infrastructure for buildings with products ranging from wiring devices, circuit breakers and capacitors to datacom solutions and automated lighting controls.

The association of our two companies has provided a strong base to continue to expand the growth of both companies and reflects our long term commitment to mutual success.



Our Marketing

Megapower is successful in expanding its sales and marketing network throughout Malaysia and also the South East Asia Region with its own house brand, SAGA (Heavy Duty), PVC-LINK (Heavy Duty), TND (Heavy Duty), WIREMAN (Medium Duty), MEGA (Medium Duty), MP (Medium Duty), CYBER (Light Duty) and HERO (Light Duty).

Megapower remains to cater to **OEM** customers with customer's brands specifications in the Middle East, South East Asia, Australia and Europe.

Apart from its own products, Megapower is appointed as an exclusive distributor for Legrand and as well as a few global brand's electrical products in Malaysia.

Our Mission

Megapower aims to be a one-stop center in Non-metallic (Plastic) electrical cable management systems and wiring accessories. Megapower main concerns are in COST EFFECTIVENESS, EFFICIENCY and most importantly, QUALITY.

Our Quality Achievements

SIRIM Certified

- Quality Assurance Scheme Licensee

JKR Approved

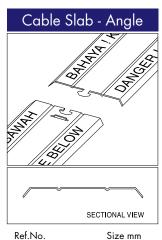
- Product approval for PVC Conduits and Fittings.





Cable Slab & Hazard Tape





Ref.No. SCS250A

250

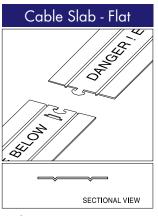
Colour : Green (LV) / Orange (HV)

Other colours and wording available upon request.

Length: 1 m

Embossed word:

Top: BAHAYA! KABEL LETRIK DI BAWAH
Bottom: DANGER! ELECTRIC CABLE BELOW



Ref.No.	Size mm
SCS120F	120
SCS150F	150
SCS200F	200

Colour : Green (LV) / Orange (HV) / White / Yellow / Black

* Other colours and wording available upon request

Length: 1 m

Embossed word:

Centre: DANGER! ELECTRIC CABLE BELOW



Ref.No.	Width (mm)	Lenght (m)
SHT 3Y-E	75	610
SHT 6Y-E	150	305
SHT 6O-1	1.50	305

Colour : Yellow / Orange

* Other colours and wording available upon request.

💶 😘 High Impact uPVC Cable Slab

is manufactured from specially formulated high impact polyvinyl chloride to provide the highest impact and tensile strength for the protection of underground cable or piping. It's ultimate interlocking linkage system will ensure the retention of the protection chain even under severe earth movement or impact.

ADVANTAGES

Long term protection

 PVC is chemically inert to the acidic, saline and alkaline conditions found in certain soils.

Permanent identification and appearance

 Embossed lettering and different bright colours in the plastic material ensures a permanent means of identification and visibility during darkness.

Total flexibility

 The linked chain can be turned to follow the path of the laid service run.

Low storage and transportation costs

 Up to 2 km of Cover Plates can be stored on one pallet (ratio 1:20 of bricks)

Low installation cost

- A single person can handle the laying of the plates without even entering the dug trench.

Cable Slab

Orange - High voltage Green - Low voltage

Hazard Tape

Yellow - Electric

Printed: BAHAYA! KABEL LETRIK DI BAWAH

DANGER! ELECTRIC CABLE BELOW

Orange - Telecommunication

Printed: AWAS! AWAS! AWAS!

KABEL TELEKOM DI BAWAH HUBUNGI TELEKOM: TEL.100





Conduit, Corrugated Conduit



Ref	.No.	Size mm
S H	120	20
S H	125	25
S H	132	32
SH	140	40
SH	150	50
Col	lour : White / O	range
Len	gth : 2.9m	

Impact uPVC Conduit is manufactured from specially formulated high impact polyvinyl chloride in strict accordance to meet the requirement of BS EN 61386-21:2004, MS 1534:PT.2:SEC.1:2002 and IEC 61386-21:2002

Certified:

(Heavy Duty 4421)







Product Certification Licence.



Rei.ino.	Size min
SCC 20	20
SCC 25	25
Colour : White /	Orange / Black
Coil: 50m	

Conduit is manufactured from specially formulated High Impact polyvinyl chlorida and comply to the requirement of BS EN 61386-22:2004, MS 1534:PT.2:SEC.2:2003 and IEC 61386-22:2002





Corru	gated Co	onduit
Ref.No.	Size mm	Coil/m

Ref.No.	Size mm	Coil/m
SCC 16	16	50
SCC 32	32	25
SCC 40	40	25
SCC 50	50	25
Colour ·	White / Black	

Conduit is produced from specially formulated excellent thermoplastic material to provide the highest flexibility.

Conduit Fitting MS1534 Part 1:2002



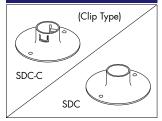






Ref.No.	Size mm	
SCCA 20	20	
SCCA 25	25	
Colour : White	/ Orange	

Dome Cover



Ref.No.		Size mm	Diameter mr
SDC	20	20	65
SDC-C	20	20	65
SDC-C	25	25	65
Colour	· Wl	nite / Ora	nge

Extension Ring

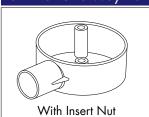


	Ref.No.	Height mm	Diameter mm
	SER-L	25	65
	SER-H	38	65
	SER-H50	50	65
Colour : White			

S - Solid Bend

Ref.No.	Size	
SSCO 25	25	
Colour : White		

Terminal One Way Box



Ref.No.	Size mm	Diameter mm
SCB 20-1N	20	65
SCB 25-1N	25	65
SCB 32-1N	32	75
Colour : \\/l	ita / Ora	

Colour: White / Orange
Without Insert Nut available upon request.

Through Two Way Box



Ref.No.	$Size\;mm$	Diameter mm
SCB 20-2N	20	65
SCB 25-2N	25	65
SCB 32-2N	32	75
C 144		

Colour : White / Orange Without Insert Nut available upon request.

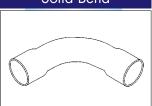
Angle Two Way Box



Ref.No.	Si	ze mm	Diameter mm
SCB 20-2A	Ν	20	65
SCB 25-2A	Ν	25	65
SCB 32-2A	Ν	32	75
C 144		10	

Colour : White / Orange
Without Insert Nut available upon request.

Solid Bend



Ref.I	No.	Size mi	m
SSB	32	32	
SSB	40	40	
SSB	50	50	
Colour : White / Orange			

Tee Three Way Box



Ref.No.	Size mm	Diameter mm
SCB 20-3N	20	65
SCB 25-3N	25	65
SCB 32-3N	32	75
Colour : Wl	nite / Ora	nge

Without Insert Nut available upon request.

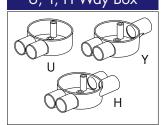
Intersection Four Way Box



	Ret.No.	Size mm	Diameter mn
	SCB 20-4N	20	65
	SCB 25-4N	25	65
	SCB 32-4N	32	75
Colour : White / Orange		nge	

Without Insert Nut available upon request.

U, Y, H Way Box



Ref.No.	Size mm	Diameter mm
SCB 20-UN	20	65
SCB 20-YN	20	65
SCB 20-HN	20	65
Colour · Wl	nite / Orar	200

Partition Box



Ref.I	No.	Size	
SPB-	1	1Gang	
SPB-	2	2Gang	
SPB-	3	2x1Gang	

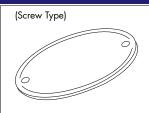
Colour : White

Protector Cover



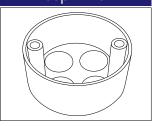
Ref.No.	Size mm	Diameter mm
SPC	20 & 25	65
SPC 32	32	75
Colour : White / Orange		

Lid Cover



Ref.No.	Size mm	Diameter mm
SLC	20 & 25	65
Colour : White / Orange		

Loop In Box



Ref.No.	Size mm	Diameter mm
SCLIB	20	65
Colour :	: White / Orange	





Conduit Fitting MS1534 Part 1:2002



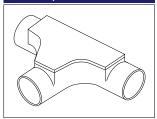
Heavy Duty Earth Chamber



Ref.No. $L \times W \times H$ mm SEC-HD 300 x 300 x 210

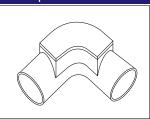
Colour : Black

Inspection Tee



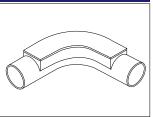
Ref.No. Size mm SIT 20 20 SIT 25 25 SIT 40 40 Colour : White / Orange

Inspection Elbow



Ref.No. Size mm **SIE 20** 20 SIE 25 Colour: White / Orange

Inspection Bend



Ref.No. Size mm SIB 20 20 SIB 25 25 Colour: White / Orange

Earth Tape Clip



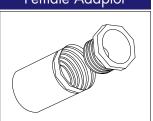
Ref.No. Size mm 25 Colour: Brown / Orange

Coupling



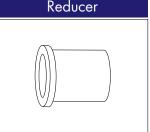
Ref.No. Size mm SC 20 20 SC 25 25 SC 32 32 SC 40 40 SC 50 50 Colour : White / Orange

Female Adaptor



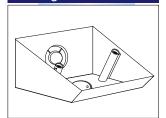
Ref.No. Size mm SFA 20 20 SFA 25 SFA 32 32 SFA 40 40 Colour: White / Orange

Reducer



Ref.No. Size mm SR 20 25-20 Colour: White / Orange

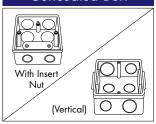
Angle Floor Box



Ref.No. Size SAFB-1 1Gang* SAFB-2 2Gang* SAFB-3 2x1 Gang*

Colour: White / Orange / Black *Unbreakable Polycarbonate Version available upon request

Concealed Box

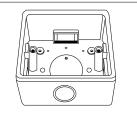


Ref.No. Size SKOB-1/+N 1Gang SKOB-2/+N 2Gang SKOB-3/+N 2x1Gang SKOB-1V 1Gang Colour: White

Surface Mounting Box



Ref.No. Size SSMB-1 1Gang SSMB-2 2Gang SSMB-3 2x1Gang SSMB-4 3x1Gang SSMB-5 4x1Gang



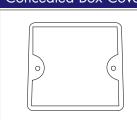
Colour: White

Bar Saddle



Ref.No. Size mm SBS 20 20 SBS 25 25 SBS 32 32 SBS 40 Colour: White / Orange

Concealed Box Cover



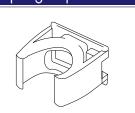
Ref.No. Size SKOBC-1 1Gang SKOBC-2 2Gang Colour: White

Blank Plate



Ref.No. Size SBP-1 1Gang SBP-2 2Gang Colour: White

Spring Clip Saddle



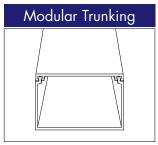
Ref.No. Size mm SSCS 20 20 SSCS 25 25 **SSCS 32** Colour: White / Orange



Modular, Mini Trunking & Round Duct





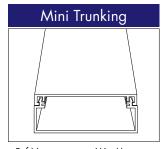


Ref.No.	$W \times H mm$
SMT 3250	50 x 32
SMT 5550	50 x 55
SMT 5575	75 x 55
SMT 55100	100 x 55
SMT 75100	100 x 75
SMT 100100	100 x 100
SMT 100150	150 x 100
SMT 55200	200 x 55
SMT 100200	200 x 100

Colour: White Length: 1.83m & 2m



Ref.No.	$W \times H mm$
SMT 1020	20 x 10
SMT 1327	27 x 13
SMT 1330	30 x 13
Colour : White	
Length : 1.83m &	k 2m

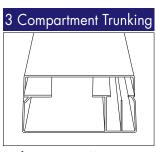


Ret.No.	W x H mm
SMT 1640	40 x 16
SMT 2040	40 x 20
SMT 1650	50 x 16
Colour : White	
Length : 1.83m &	& 2m

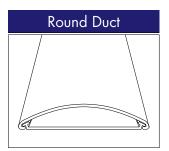
manufactured from specially formulated polyvinyl chloride in strict accordance to meet the requirement of BS 4678 Pt.4. It offers a complete range for the routing of surface mounted cabling in domestic and commercial premises.



Ref.No.	$W \times H mm$
SMT 2C 2040	40 x 20
SMT 2C 2060	60 x 20
SMT 2C 3280	80 x 32
Colour : White	
Length : 2m	

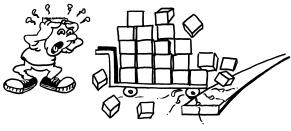


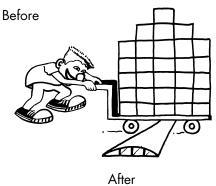
Ref.No.	$W \times H mm$
SMT 3C 40100	100 x 40
Colour : White	
Lenath : 2m	



Ref.No.	$W \times H mm$
SRD 30	30 x 8
SRD 50	50 x 13
SRD 70	70 x 15
SRD 90	90 x 22
SRD 120	120 x 30

Colour: Grey / Black / White / Yellow Length: 2m





uPVC Round Duct
is constructed from
specially formulated
high impact polyvinyl
chloride. The distinctive
design feature provides
safe and secure cable
management at all time.





Weatherproof Enclosure Box IP66



Weatherproof Enclosure Box IP66



Ref.No.	$L \times W \times H mm$
SEB 442	110 x 110 x 60
SEB 444	110 x 110 x 110
SEB 643	155 x 115 x 80
SEB 644	155 x 115 x 110
SEB 863	215 x 150 x 80
SEB 864	215 x 150 x 110
SEB 883	215 x 215 x 80
SEB 884	215 x 215 x 110
SEB 1084	250 x 200 x 110
SEB 1086	250 x 200 x 160
SEB 1296	310 x 230 x 145
SEB 15127	390 x 310 x 180
Colour : Light Gr	ey / Transparent cover





	Cable	Mounting
Ref.No.	Diameter mm	Hole mm
SPG-7	3 - 6.5	13
SPG-9	4 - 8	16
SPG-11	5 - 10	19
SPG-13.5	6 - 12	20
SPG-16	10 - 14	23
SPG-21	13 - 18	29
SPG-29	18 - 25	37
SPG-36	22 - 32	48
SPG-42	30 - 40	54
SPG-48	42 - 50	60
SPG-63	50 - 60	73
Colour : L	ight Grey	

Junction Box IP44

Ref.No. L x W x H mm SJB 331 $80 \times 80 \times 40$ Colour: Light Grey

- ABS thermoplastic
- IP66 Dust/weatherproof
- High impact strength
- Temperature range from -5°C ~ +70°C
- Chemical resistance to aqueous acids, alkalis, seawater, concentrated phosphoric & hydrochloric acid
- Polycarbonate version available on request

FIRST NUMBER - Protection against solid objects

IP 0







TEST no protection

protected against solid objects over 1 mm (tools + small wires)

1



5



protected against solid objects up to 50 mm e.g. accidental touch by hands protected against dust limited ingress permitted (no harmful deposit).

2



6

protected against solid objects up to 12 mm e.g. fingers.

totally protected against dust





protected against solid objects over 2.5 mm (tools + small wires)

SECOND NUMBER - Protection against liquids

IP 0



5 **→**

TEST no protection protected against low pressure jets of water from all directions - limited ingress permitted.

1



6

protected against vertically falling drops of water

protected against strong jets of water e.g. for use on shipdecks limited ingress permitted.

2



1



protected against direct sprays of water to 15° from the vertical.

protected against the effects of immersion between 15 cm and 1m.

3



8



protected against spray to 60° from the vertical.

protected against long periods of immersion under pressure.



protected against water sprayed from all directions limited ingress permitted.



UNDERFLOOR DUGTING SYSTEM

Introduction

' Inca' ' Underfloor Ducting System is designed in accordance to IEC 61084 to provide the most simple and economical method for distribution of power, voice and data services under the floor where the ducting is buried in screed.

Underfloor ducting is used to link the main feed point with service outlet boxes thus providing flexibility in an office service outlets layout.

' Inderfloor Ducting System consists of the following components:-

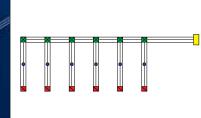
- Junction Box
- Service Outlet Box
- uPVC Underfloor Ducting
- Metal Underfloor Trunking
- Vertical Access Box
- Angle Floor Box

Technical Data

The minimum overall depth of screed is determined by the depth of underfloor ducting. It is recommended that underfloor ducting is set on a rough slab and covered with a minimum screed of 25mm or 38mm over the ducting.

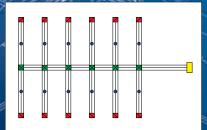
Layout and Design

Comb Design



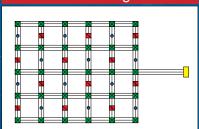
Used for low density service areas.

Fish Bone Design



Widely used for area where the tenants require a good degree of flexibility in re-organizing work areas.

Grid Design



Most widely used for area where the tenants require a greater degree of flexibility in re-organizing work areas. It allows re-wiring through individual ring networks.





SERVICE BOX

'**Service** box consists of three main components:-

- A Basic Box
- An Epoxy Coated Service Outlet Panel
- A Service Cover and Frame

The basic box is supplied with a disposable screeding lid, thus preventing ingress of screed into the box during screeding.

Standard epoxy coated service outlet panel suitable for power, voice and data is provided. Non-standard service outlet panel is available upon request.

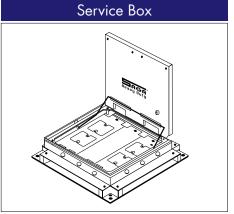
There are two types of service cover and frame recess: (1) 6mm recess for carpet finishing (flange edge) and (2) 9mm recess for tile finishing (trim edge). Service cover, frame and pillar support are constructed from high pressure die-cast zinc alloy or aluminium. Grommets and handles are moulded from plastic (ABS). The standard depth of the box can be adjusted from 56mm to 72mm except for special request.

Specification

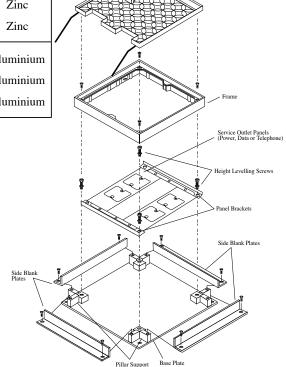
Pre-galvanized steel sheet to JIS G3302 or BS EN 10142.

Basic Box side plate 1.2mm Basic Box base plate 1.6mm

Model	LxWxH(mm)	No. of Compartment	Max. Trunking Entry W x H (mm)	Cover Recess (mm)	Cover	
MSSB6 250/3Z	250 x 250 x 56-72	3	225 x 25-38	6	Zinc	
MSSB9 250/3Z	250 x 250 x 56-72	3	225 x 25-38	9	Zinc	
MSSB9 300/3Z	300 x 300 x 56-72	3	275 x 25-38	9	Zinc	/
MSSB6 250/3A	250 x 250 x 56-72	3	225 x 25-38	6	Aluminium	
MSSB9 250/3A	250 x 250 x 56-72	3	225 x 25-38	9	Aluminium	
MSSB9 300/3A	300 x 300 x 56-72	3	275 x 25-38	9	Aluminium	
	I.			l		ı
Se	ervice Box					
		1				



Epoxy finishing cover available upon request.





JUNCTION BOX

'**Service** box consists of three main components:-

- A Basic Box
- A Flyover
- A Junction Cover and Frame

The basic box is supplied with a disposable screeding lid, thus preventing ingress of screed into the box during screeding.

The flyover is either constructed from plastic, ABS or pre-galvanized steel sheet.

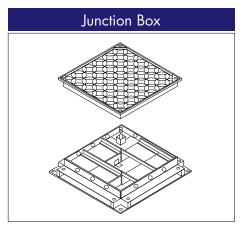
There are two types of junction cover and frame recess: (1) 6mm recess for carpet finishing (flange edge) and (2) 9mm recess for tile finishing (trim edge). Junction cover, frame and pillar support are constructed from high pressure die-cast zinc alloy or aluminium. The standard depth of the box can be adjusted from 56mm to 72mm except for special request.

Specification

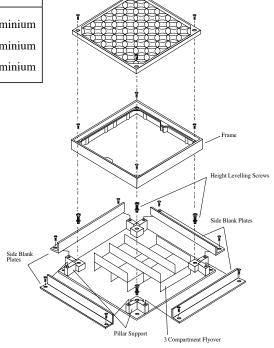
Pre-galvanized steel sheet to JIS G3302 or BS EN 10142.

Basic Box side plate 1.2mm Basic Box base plate 1.6mm

Model	LxWxH(mm)	No. of Compartment	Max. Trunking Entry W x H (mm)	Cover Recess (mm)	Cover
MSJB6 250Z	250 x 250 x 56-72	3	225 x 25-38	6	Zinc
MSJB9 250Z	250 x 250 x 56-72	3	225 x 25-38	9	Zinc
MSJB9 300Z	300 x 300 x 56-72	3	275 x 25-38	9	Zinc
MSJB6 250A	250 x 250 x 56-72	3	225 x 25-38	6	Aluminium
MSJB9 250A	250 x 250 x 56-72	3	225 x 25-38	9	Aluminium
MSJB9 300A	300 x 300 x 56-72	3	275 x 25-38	9	Aluminium



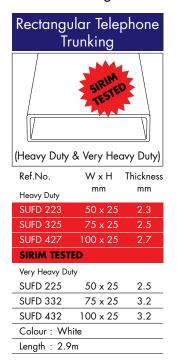
Epoxy finishing cover available upon request.

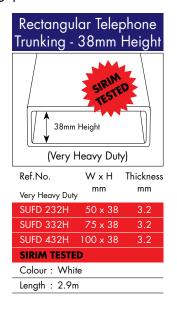


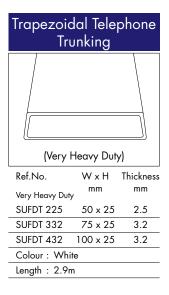


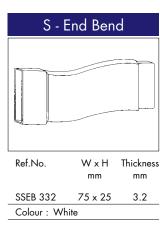
UPVC DUCTING

'Enga' Heavy Duty uPVC Underfloor Ducting is produced from special formulated high impact uPVC material to withstand the highest compression force. The special trapezoidal shape (base wider than top) function as an interlock during and after screeding. Each standard length of 2.9 meter is pre-socketed at one end acting as trunking joint.

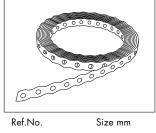








Steel Band



Ref.No.	Size mm
SSB 12	12
SSB 17	1 <i>7</i>
Roll: 10m	

Cable Capacity Guidance

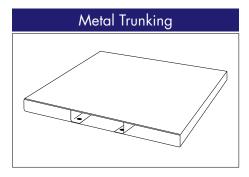
Cross Sectional area	No. of cable use in		
(mm²) of cable	SUFDT 225	SUFDT 332	SUFDT 432
1.5	60	90	120
2.5	50	70	95
4.0	35	50	65
6.0	25	35	50

A space factor of 45% is used to assess the above figures

METAL TRUNKING

'SAGE 'Metal Underfloor Trunking is produced from 1.2mm pre-galvanized steel. Each standard length of 2.44 meter is supplied with one set of clamping saddle acting as trunking joint and floor fixing bracket.

Model	W x H	No. of Compartment
SMT 100/1	100 x 25	1
SMT 150/2	150 x 25	2
SMT 200/2	200 x 25	2
SMT 225/3	225 x 25	3
SMT 300/3	300 x 25	3

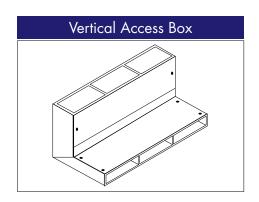




VERTICAL ACCESS BOX

' Serical Access Box is made from 1.2mm pre-galvanized steel sheet. It helps to facilitate easy accessibility from floor ducts to wall ducts.

Model	Dimension W x H x T	No. of Compartment
SVAB 100/1	100 x 150 x 50	1
SVAB 100/2	100 x 150 x 50	2
SVAB 150/2	150 x 150 x 50	2
SVAB 200/2	200 x 150 x 50	2
SVAB 225/3	225 x 150 x 50	3
SVAB 300/3	300 x 150 x 50	3

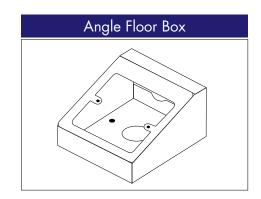


Other sizes and thickness are available upon request.

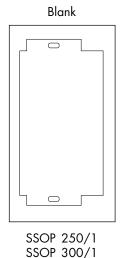
ANGLE FLOOR BOX

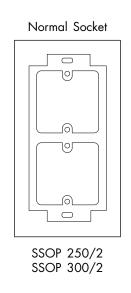
' SAGA ' Angle Floor Box is made from either steel or polycarbonate which is a super high impact engineering plastic. In locations where concealed service boxes are not available, Angle Floor Box can be mounted to accommodate socket outlet.

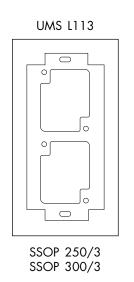
Model	Size	Structure
SAFB - 1P	1 Gang	Polycarbonate
SAFB - 2P	2 Gang	Polycarbonate
SAFB - 3P	2 x 1 Gang	Polycarbonate
SAFB - 1M	1 Gang	Metal
SAFB - 2M	2 Gang	Metal
SAFB - 3M	2 x 1 Gang	Metal

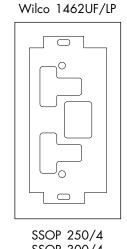


SERVICE OUTLET PANEL

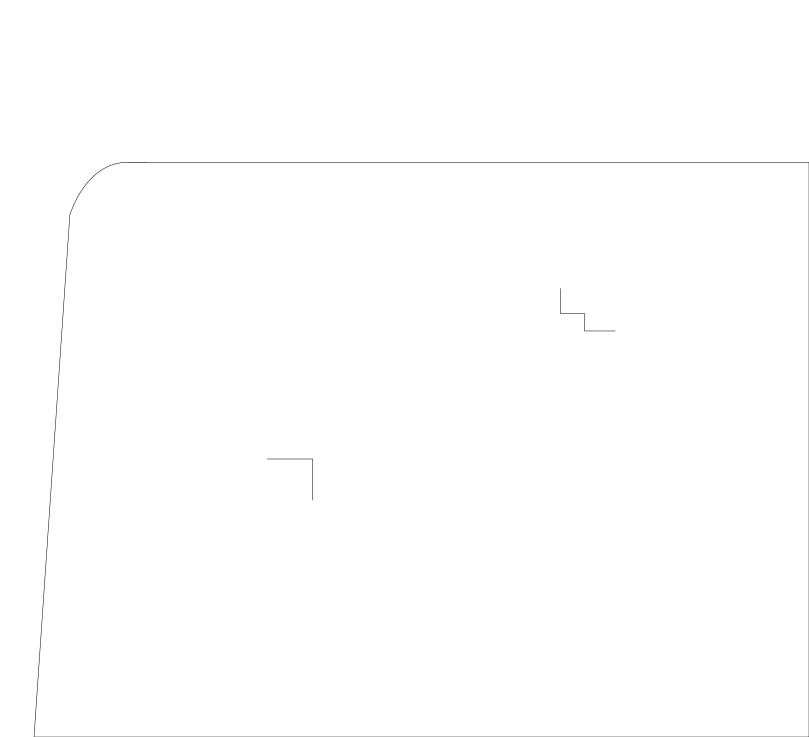








NOTE:	





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