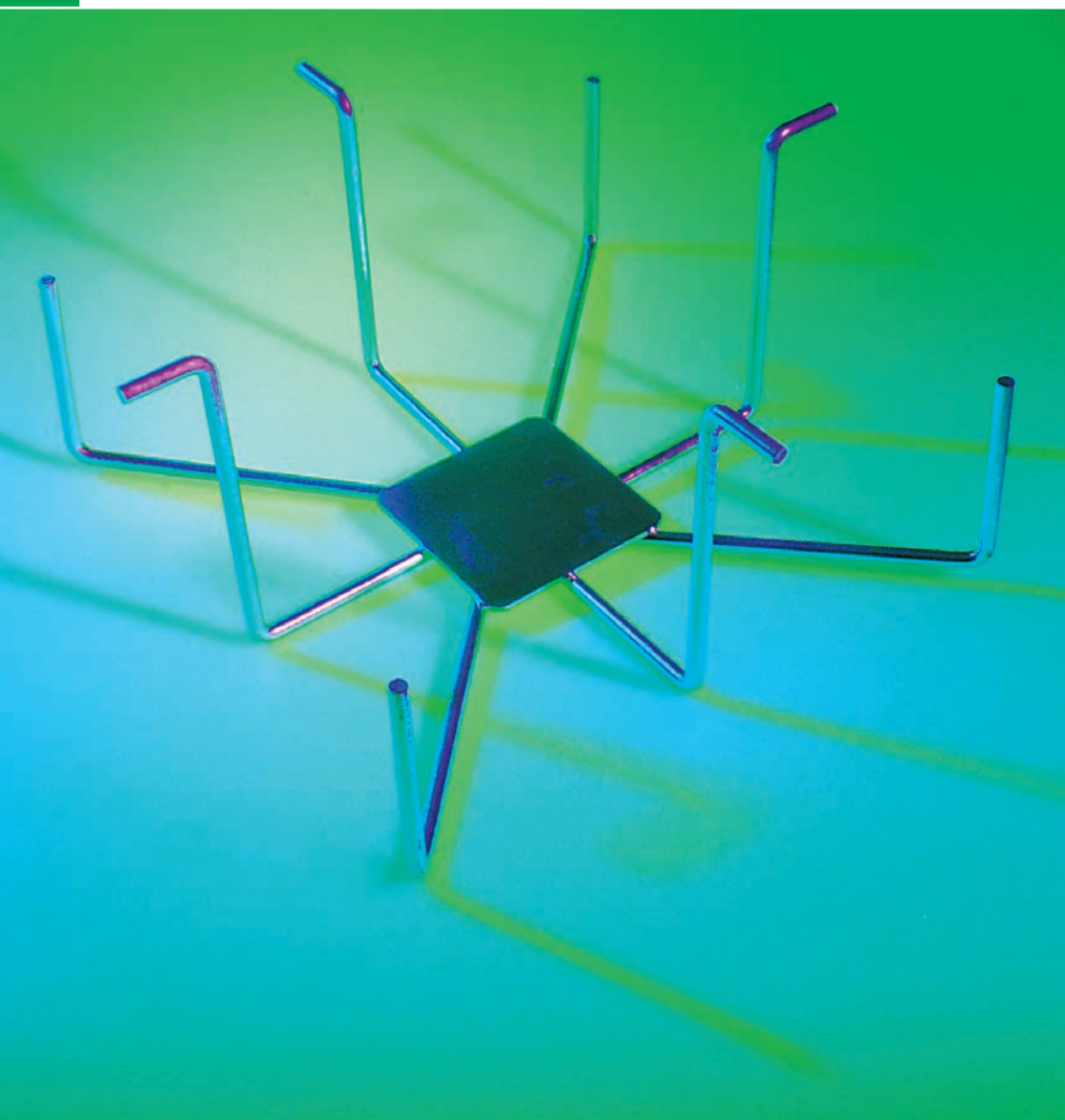


# **SNAKEWAY CABLE SUPPORT SYSTEM**

**SnakeWay is unmatched for adaptability.**

**It is the only steel cable support system that can be bent by hand in any direction.**

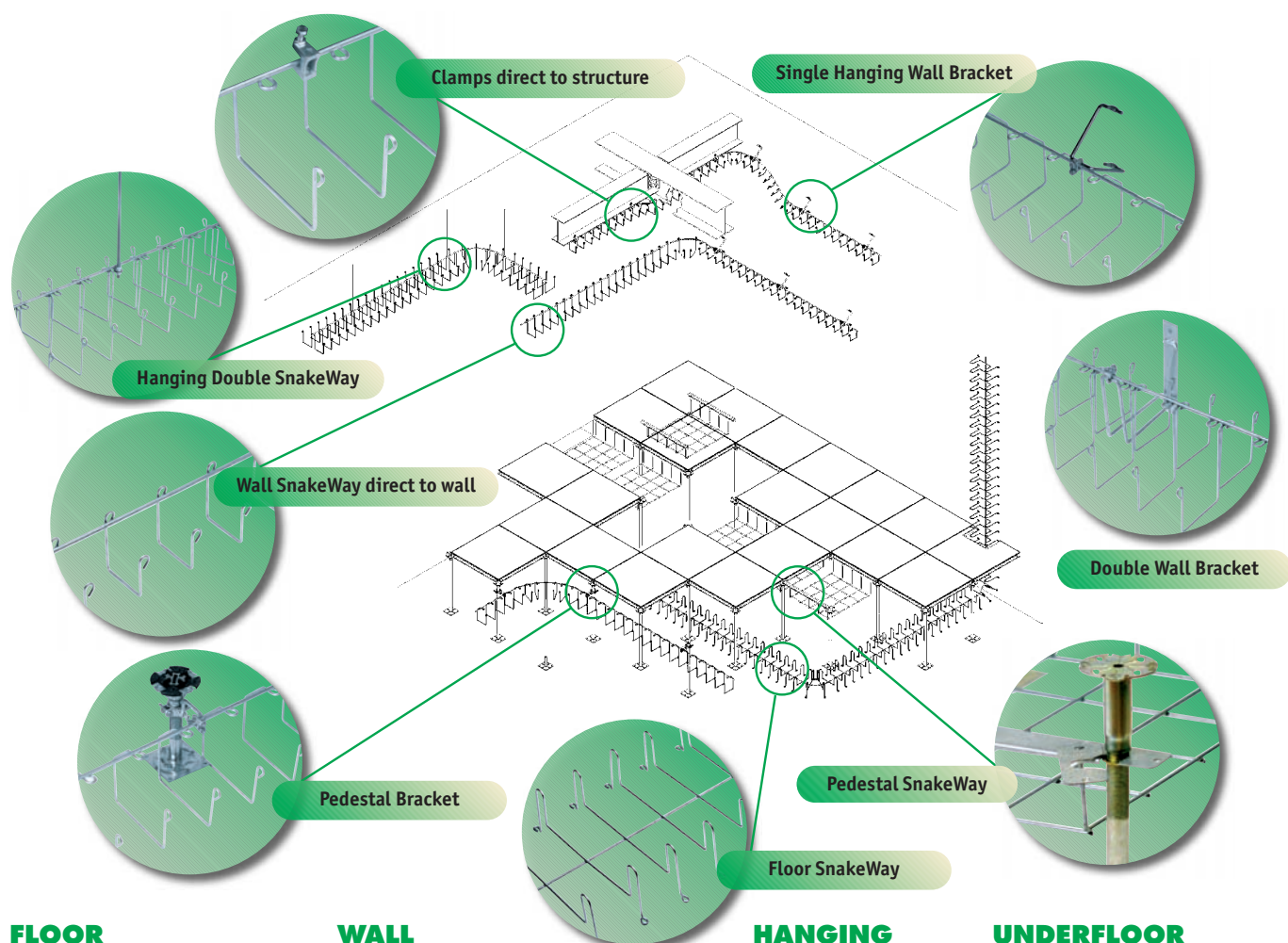
- No need for clamping or assembling.
- Offers up to 85% saving in installation time when compared with other tray/basket systems.
- Suitable for suspended, wall or floor applications.



Section Contents	Pages
Floor SnakeWay	204
Wall SnakeWay	204
Hanging SnakeWay	205-206
Underfloor SnakeWay	207

Snake Tray™, Snake Canyon™, Wall Snake™ and Ladder Snake™ products are covered by one or more of the following patents: #6,637,704, #6,637,165, #6,463,704, #6,460,812, #6,449,912, #6,361,000, #6,347,493, #6,019,323, #5,953,870, #5,839,702 and AUS #737,813. Other US and Foreign Patents Pending.

# SnakeWay Cable Support System continued



## FLOOR SNAKEWAY

The Floor SnakeWay system is designed for installation below raised floors or as risers on vertical surfaces. Mounting rings are pre-formed into the support legs maintaining the cable away from the floor and eliminating the requirement for additional brackets.

## WALL SNAKEWAY

The Wall SnakeWay enables it to be directly attached to a wall via the mounting rings that run along the back of the spine. Utilising these rings eliminates the need for any brackets to complete the installation.

## HANGING SNAKEWAY

For use in overhead applications, the Hanging SnakeWay is hung from a single threaded rod into a central mounting ring. This allows the cable to be placed into the SnakeWay without the need to thread between pairs of suspension rods. For even greater capacity a double hanging version is available. This provides natural separation between data and power cables.

## UNDERFLOOR SNAKEWAY

The Underfloor SnakeWay is a modular system. It integrates structural elements of a raised access floor with a high capacity support system to create one, easy-to-install element.

START

5 SECONDS

10 SECONDS



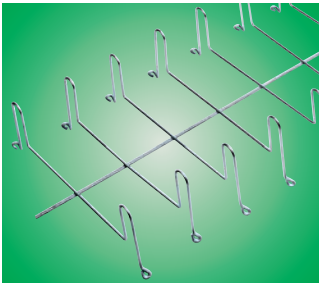




# SnakeWay Cable Support System continued

## FLOOR SNAKEWAY

- For installation below raised floors or vertical risers.
- Pre-formed support legs.
  - Fasten direct to surface no brackets required.
  - Hand bendable no cutting.
  - No sharp edges.
  - Single connector.



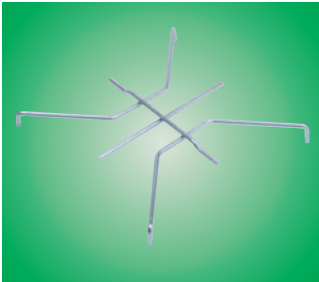
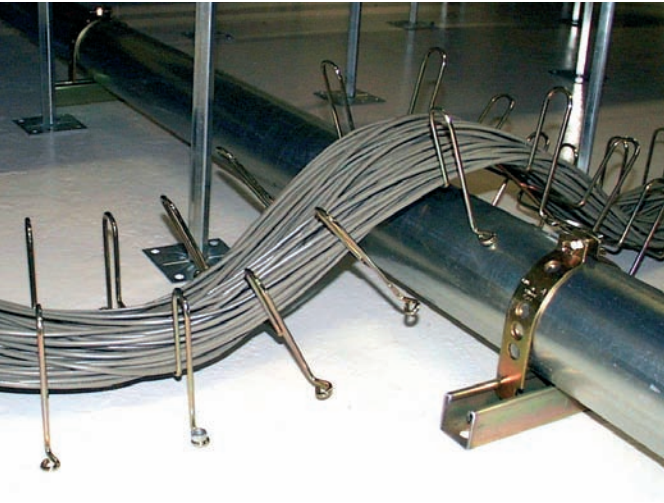
Floor SnakeWay		
Prod Code	Size	Pack
SW1101	75 x 87mm	1 x 2.4m
SW1102	150 x 87mm	1 x 2.4m
SW1103	300 x 63mm	1 x 2.4m
SW1104	300 x 87mm	1 x 2.4m



SnakeWay Connector		
Prod Code	Size	Pack
SW1201		1



Quick Connector		
Prod Code	Size	Pack
SW1202		1



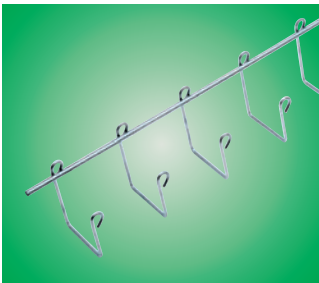
Intersection or Tee		
Prod Code	Size	Pack
SW1221	75 x 75mm	1
SW1222	75 x 150mm	1
SW1223	75 x 300mm	1
SW1224	150 x 150mm	1
SW1225	150 x 300mm	1
SW1226	300 x 300mm	1



Horizontal Cable Guide		
Prod Code	Height	Pack
SW1211	63	1
SW1212	87	1

## WALL SNAKEWAY

- Enables direct fastening to the wall via the built-in mounting rings
- Mounting ring every 100mm along the spine.
  - No mounting brackets required.
  - Simple hand bending.
  - No cutting or sharp edges.
  - Fast installation.



Wall SnakeWay		
Prod Code	Size	Pack
SW4101	50 x 50mm	1 x 2.4m
SW4102	75 x 75mm	1 x 2.4m
SW4103	125 x 125mm	1 x 2.4m
SW4104	150 x 150mm	1 x 2.4m



SnakeWay Connector		
Prod Code	Size	Pack
SW1201		1



Quick Connector		
Prod Code	Size	Pack
SW1202		1

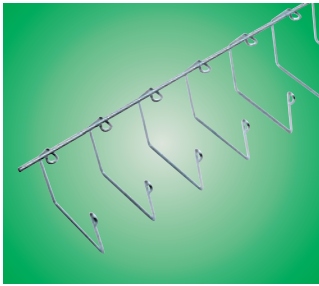


Cable Drop		
Prod Code	Size	Pack
SW2211	75mm	1
SW2212	150mm	1

Clamp using cable tie.



Hanging/Wall Adaptor		
Prod Code	Size	Pack
SW2223		1



**Hanging SnakeWay – Single**

Prod Code	Size	Pack
SW2101	100 x 50mm	1 x 2.4m
SW2102	75 x 75mm	1 x 2.4m
SW2103	108 x 108mm	1 x 2.4m
SW2104	150 x 100mm	1 x 2.4m



**SnakeWay Connector**

Prod Code	Pack
SW1201	1



**Quick Connector**

Prod Code	Pack
SW1202	1

## **HANGING SNAKEWAY – SINGLE**

With built in mounting rings the SnakeWay can be hung from a single threaded rod or clamped direct to the roofing structures.

- No trapeze bracket required.
- Simple hand bending.
- No cutting or sharp edges.
- Cables are just placed in the SnakeWay, no threading between supports.



**Beam Clamp**

Prod Code	Size	Pack
SW2202	10mm	1



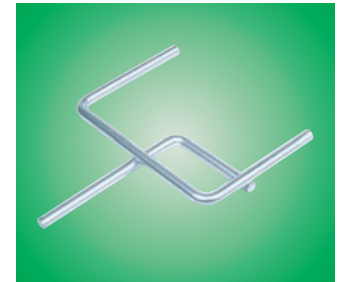
**Cable Drop**

Prod Code	Size	Pack
SW2211	75mm	1
SW2212	150mm	1



**Intersection or Tee**

Prod Code	Pack
SW2221	1



**Y Intersection or Tee**

Prod Code	Pack
SW2222	1



**Hanging/Wall Adaptor**

Prod Code	Pack
SW2223	1



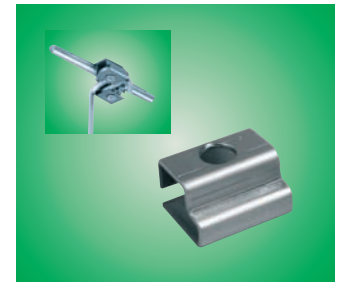
**Pedestal Bracket**

Prod Code	Pack
SW2234	1



**Wall Mount Bracket**

Prod Code	Pack
SW2232	1



**Ceiling Spacer**

Prod Code	Pack
SW2205	1



**Conduit Plate**

Prod Code	Size	Pack
SW1230	20-25mm	1

Suitable for use with all systems, excluding Underfloor SnakeWay.





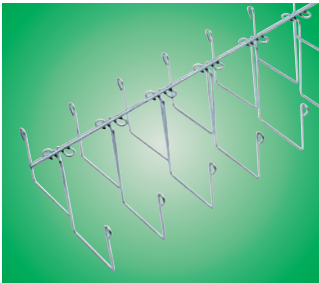


# SnakeWay Cable Support System continued

## Hanging SnakeWay - Double

With built in mounting rings the SnakeWay can be hung from a single threaded rod or clamped direct to the roofing structures.

- No trapeze bracket required.
- Simple hand bending.
- No cutting or sharp edges.
- Double SnakeWay provides segregation.
- Cables are just placed in the SnakeWay, no threading between supports.



Hanging SnakeWay – Double

Prod Code	Size	Pack
SW3101	108 x 108mm	1 x 2.4m
SW3102	125 x 125mm	1 x 2.4m



SnakeWay Connector

Prod Code	Pack
SW1201	1



Quick Connector

Prod Code	Pack
SW1202	1

Not suitable for SW3102 use SW1201.



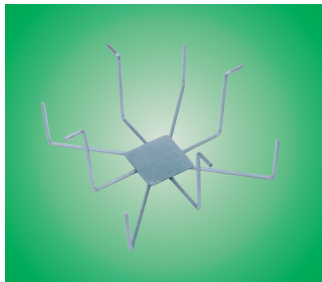
Beam Clamp

Prod Code	Size	Pack
SW2202	10mm	1



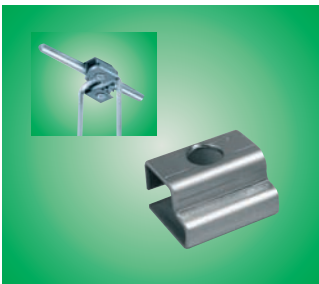
Cable Drop

Prod Code	Size	Pack
SW2211	75mm	1
SW2212	150mm	1



Intersection or Tee

Prod Code	Pack
SW3221	1



Ceiling Spacer

Prod Code	Pack
SW2205	1



Wall Mount Bracket

Prod Code	Pack
SW3232	1



Pedestal Bracket

Prod Code	Pack
SW3234	1



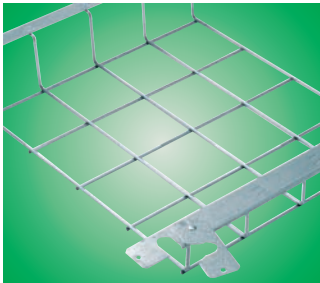
**SnakeWay Cable Support System** continued



**Underfloor SnakeWay**

Integrates the structural elements of the raised floor with a high capacity cable SnakeWay.

- Modular design.
- No site fabrication.
- Two designs cover all floor types.
- Cable path is brought to an ergonomic level for safe easy access.
- Creates an independent layer separate from other services.



**Pedestal SnakeWay**

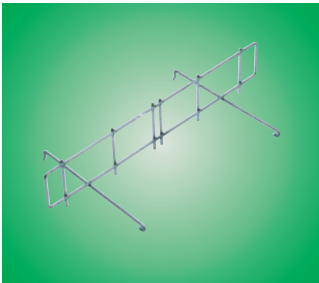
Prod Code	Size	Pack
SW5113	150 x 570 x 600mm	1



**Camloc SnakeWay**

Prod Code	Size	Pack
SW5103	150 x 570 x 600mm	1

For use with Stringers.



**Universal Divider**

Prod Code	Pack
SW5304	1



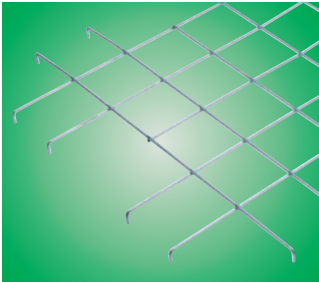
**Pedestal Tee**

Prod Code	Pack
SW5233	1



**Camloc Tee**

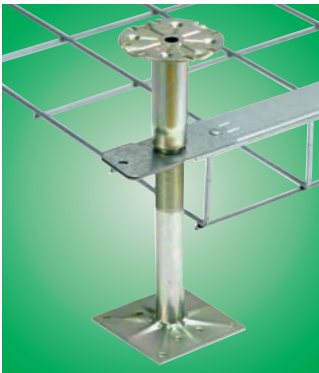
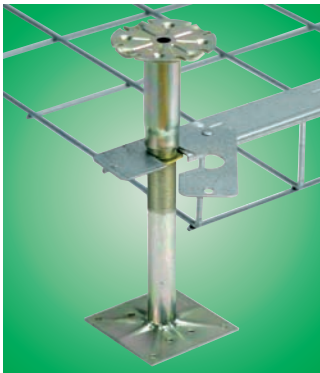
Prod Code	Pack
SW5223	1



**Intersection**

Prod Code	Pack
SW5301	1

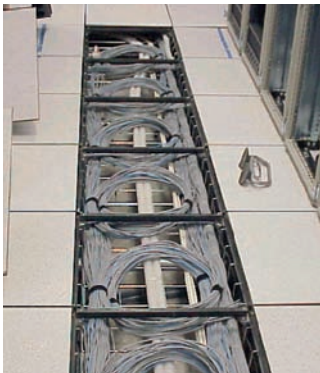
Pedestal SnakeWay



Camloc



Underfloor SnakeWay installation

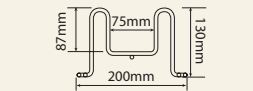


# SNAKEWAY CABLE SUPPORT SYSTEM

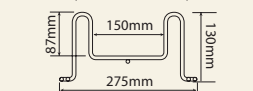
MT flexible SnakeWay is manufactured from ASTM A510 high strength steel wire to form a unique, completely hand bendable cable management system. Welding preformed steel hoops to a central spine every 100mm produces SnakeWay, allowing for its unique hand bendable design, while providing easy entry and exit for cables at any point along the length of the snakeway. The SnakeWays are constructed from pregalvanised wire in accordance with ASTM A641-89 to produce a resilient finish, which withstands indoor applications, or mild sheltered outdoor environments.

## FLOOR SNAKEWAY

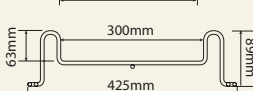
SW1101



SW1102



SW1103

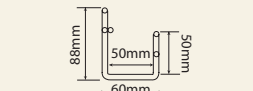


SW1104

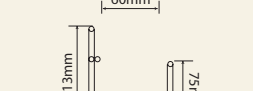


## WALL SNAKEWAY

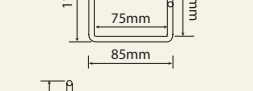
SW4101



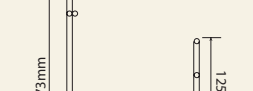
SW4102



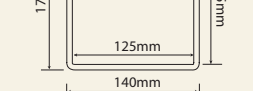
SW4103



SW4104



SW4104



SW4104



SW4104



SW4104



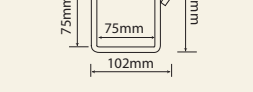
SW4104



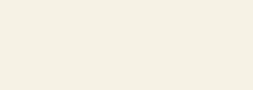
SW4104



SW4104



SW4104



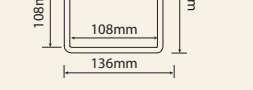
SW4104



SW2103



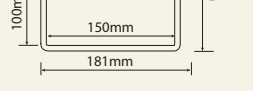
SW2104



SW2104



SW2104

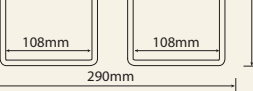


## HANGING SNAKEWAY – DOUBLE

SW3101



SW3102



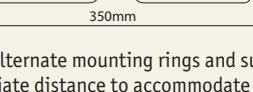
SW3102



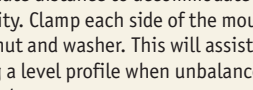
SW3102



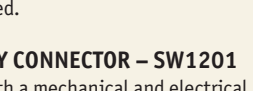
SW3102



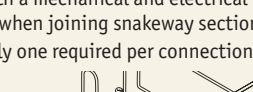
SW3102



SW3102



SW3102



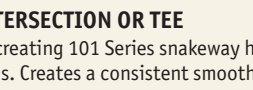
SW3102



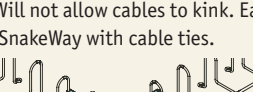
SW3102



SW3102



SW3102



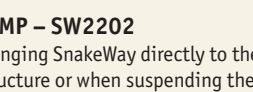
SW3102



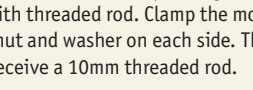
SW3102



SW3102



SW3102



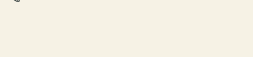
SW3102



SW3102

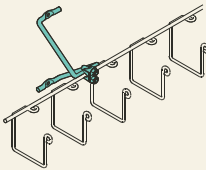


SW3102



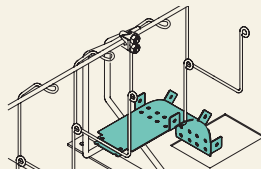
## WALL BRACKET – SW2232

Used to attach single hanging SnakeWay to walls and other vertical surfaces.



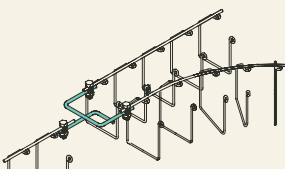
## CABLE DROP – SW2211 or SW2212

Provides a smooth transition for cables when exiting the SnakeWay. Maintains a consistent 100mm radius eliminating kinked cables. Easily attaches to SnakeWay with cable ties.



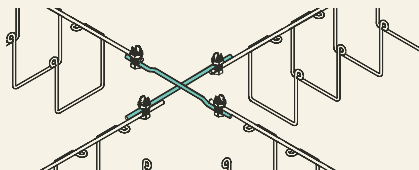
## HANGING Y CONNECTION – SW2222

Used to create a 'Y' intersection or split double hanging into two separate cable paths at a terminal end.



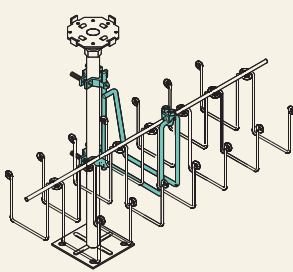
## SINGLE HANGING INTERSECTION – SW2221

Installed as either a tee or four way crossing intersection.



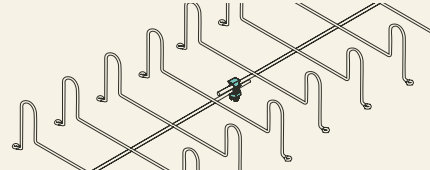
## PEDESTAL BRACKET – SW2234/SW3234

Used to attach hanging SnakeWay to the floor pedestals utilised in the construction of raised access floor.



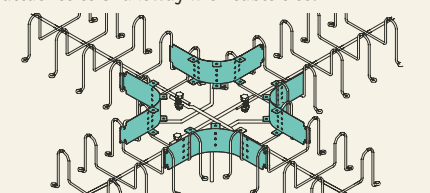
## SNAKEWAY CONNECTOR – SW1201

Provides both a mechanical and electrical connection when joining snakeway sections to one another. Only one required per connection.



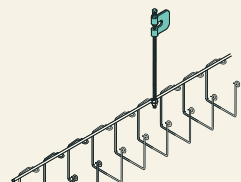
## FLOOR INTERSECTION OR TEE

Used when creating 101 Series snakeway horizontal intersections. Creates a consistent smooth transition. Will not allow cables to kink. Easily attaches to SnakeWay with cable ties.



## BEAM CLAMP – SW2202

Attaches Hanging SnakeWay directly to the building structure or when suspending the snakeway with threaded rod. Clamp the mounting ring with a nut and washer on each side. The beam clamp will receive a 10mm threaded rod.

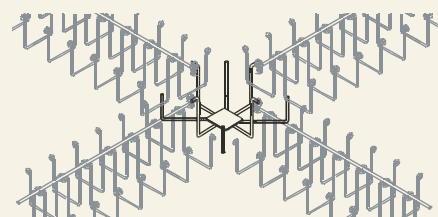




# SnakeWay Cable Support System continued

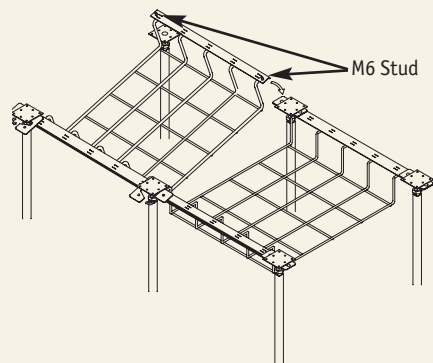
## DOUBLE HANGING INTERSECTION – SW3221

Installed as either a tee or four way crossing intersection component for the double hanging SnakeWay.



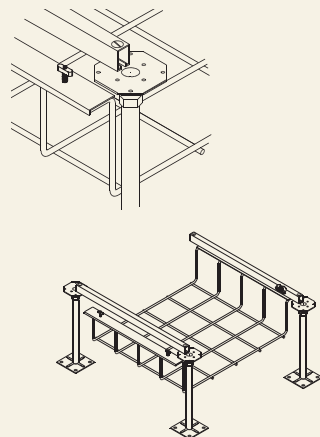
## UNDERFLOOR SNAKEWAY PEDESTAL

Plates slide together straddling the threaded shaft just above the adjustment nut on the pedestal. Next, the Underfloor SnakeWay component is positioned below the plate and affixed with the supplied attachment bolt. Thus creating a stable and efficient attachment platform. Allowing for the installation of Underfloor SnakeWay in standard floors.



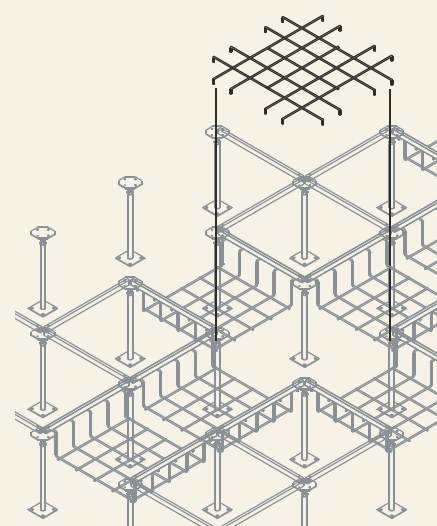
## UNDERFLOOR SNAKEWAY CAMLOC

Can be used on any stringer type that utilises open bottom box type design. The spring tensioned cam is inserted inside the stringer throughout the bottom slot and tightened with an allen key. The tightened cam creates a mechanical connection between the Underfloor SnakeWay basket and raised floor stringer.



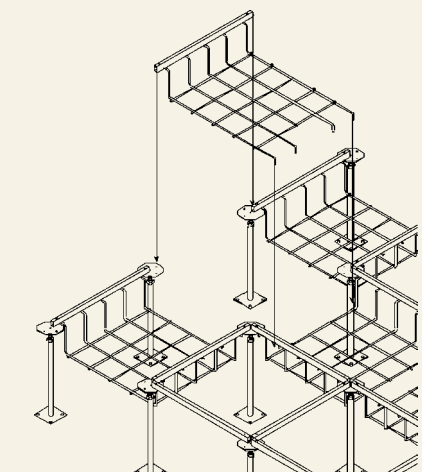
## UNIVERSAL INTERSECTION

Install small underfloor intersection where four way intersections are necessary. No additional tools or mounting hardware required to complete installation.



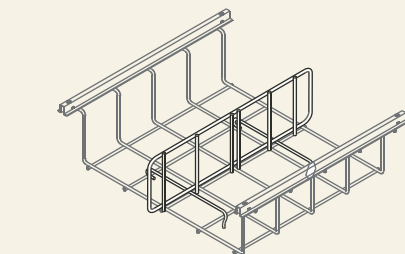
## TEE

The top edge is fastened in the relevant way with the hooks locked into the branch grid.



## DIVIDER FENCE FOR UNDERFLOOR SNAKEWAY

Divides underfloor modules into two separate cable pathways. Easy "Snap-in" design.



## LOADING CAPACITY DATA

Product Code	Cable Capacity						Max. Load
	Space Factor sq mm	Twin & Earth 2.5mm/45% fill	Twin & Earth 4.0mm/45% fill	Typical 4 Core 35mm² SWA	Cat.5e UTP 5.5mm/45% Fill	Cat.6 UTP 6.5mm/45% Fill	U.D.L in Kg./m
SW1101	6525	53	42	3	97	70	Not Applicable
SW1102	13050	107	84	6	194	139	Not Applicable
SW1103	18900	155	122	8	282	202	Not Applicable
SW1104	26100	214	168	11	389	278	Not Applicable
SW2101	5000	41	32	2	75	53	5.3 span 1.2m
SW2102	5625	46	36	3	84	60	5.3 span 1.2m
SW2103	11664	95	75	4	174	124	5.3 span 1.2m
SW2104	15000	123	96	6	224	160	5.3 span 1.2m
SW3101	23328	191	150	4 x 2	348	249	5.3 span 1.2m
SW3102	31250	256	201	6 x 2	466	333	11.0 span 1.2m
SW4101	2500	20	16	1	37	27	5.3 span 1.2m
SW4102	5625	46	36	2	84	60	5.3 span 1.2m
SW4103	15625	128	100	6	233	167	5.3 span 1.2m
SW4104	22500	184	145	6	335	240	5.3 span 1.2m
SW5103	85500	700	550	42	1274	912	Not Applicable
SW5113	85500	700	550	42	1274	912	Not Applicable

Loading to give a 1%deflection with support adjacent to connector.  
Additional fastenings may be required to accommodate cable capacities shown.