

**StarServe Data**  
Home Distribution Units

**CLIPSAL**<sup>®</sup>

by **Schneider Electric**

# Fibre to the home **solutions**



**D A T A C O M M S**

 **MIDDY'S**  
Technologies

### Connect your customers to FTTH, today!

#### Fibre to the home (FTTH)

With the growing demand for high-speed Internet services, the National Broadband Network (NBN) is being rolled out around Australia, and within 10 years, 93% of all Australians will have fibre-based data services linked to their homes\*. It will allow your customers to spend less time waiting and more time enjoying what they watch, listen to or play!

By cabling your customers' homes with StarServe Data, they can take advantage of all that FTTH has to offer:

- Faster Internet performance and reliability
- Download purchased music in seconds, and entire movies in minutes
- Internet Protocol TV (IPTV) can be watched through an Internet browser
- Voiceover Internet Protocol (VoIP) for phone calls
- Connect multiple devices simultaneously
- Crystal clear video conferencing
- Flexibility to connect to new technologies.

\* Information sourced from [www.nbn.gov.au](http://www.nbn.gov.au)

Help your customers take advantage of all that FTTH has to offer, by installing high-speed cabling and home distribution units (HDUs) in their homes, with StarServe Data!

Open a whole new world of options **with Clipsal's StarServe Data.**



3105PEN7440

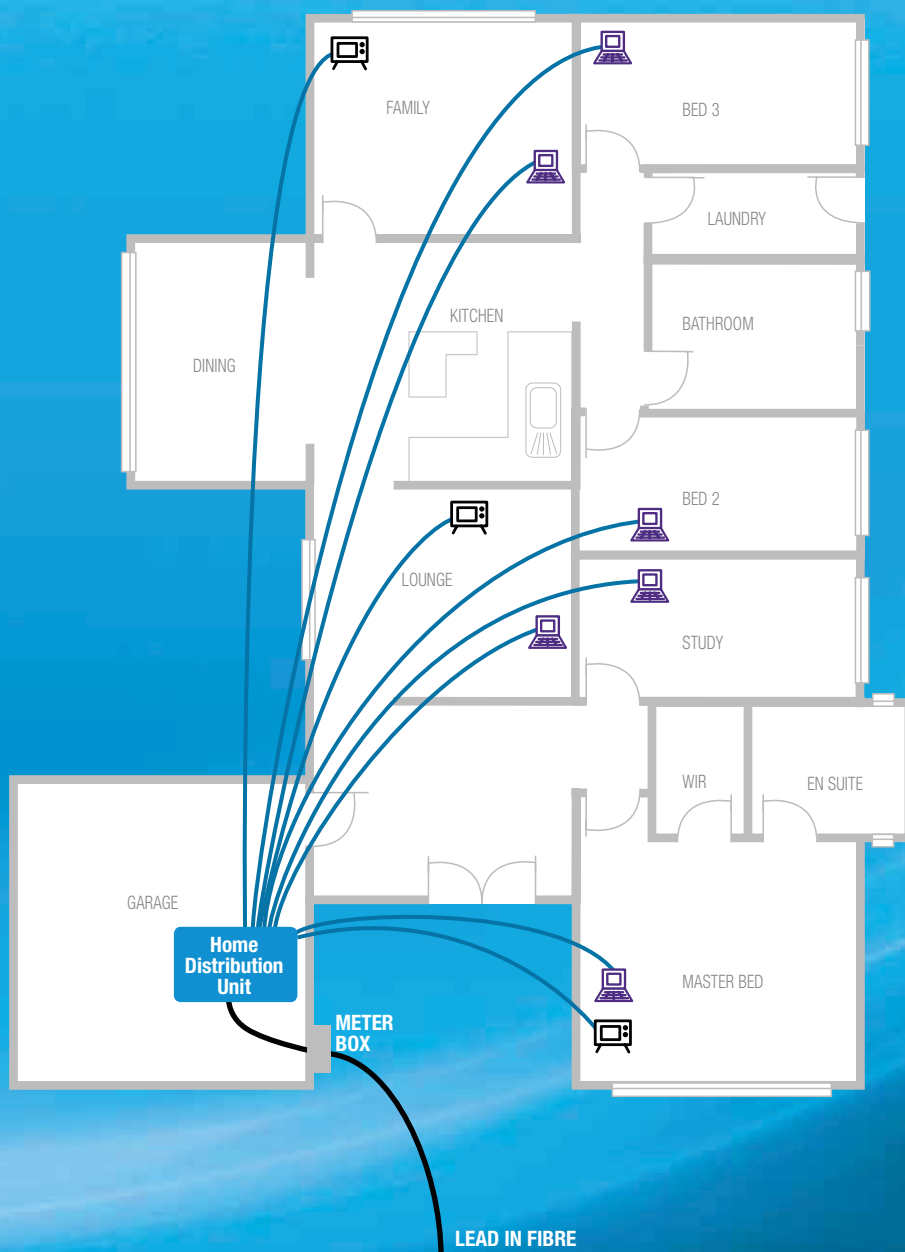


3105PENFTTH



230CS

## The future of home entertainment



### StarServe Data

Clipsal's StarServe can distribute FTTH services to any room in the home through reliable, secure cable and HDUs.

With FTTH capable of providing broadband speeds of up to 125MB per second\*, your customers could potentially download a movie (approximately 1GB of data) that used to take up to 24 hours, in under a minute! StarServe Data allows your customers to take advantage of the high speeds and faster connectivity that FTTH delivers. With this cabling solution in their homes, they will be able to adapt to new technology, faster, and at a more affordable price.

StarServe Data will also enable your customers to connect any or all of their high-tech devices – simultaneously. It doesn't matter whether it's for streaming live sport; downloading their favourite TV shows, movies and music; online gaming or simply keeping up with the world; instant access to feature-rich content is the future of home entertainment.

Clipsal's range of HDUs is designed to meet the needs of every household, including specifically tailored enclosures for FTTH purposes. These multi-purpose enclosures will give your customers flexibility and access to all the benefits of a faster information exchange – opening up a whole new world of options – all from the comfort of their home.

\* Information sourced from [www.nbn.gov.au](http://www.nbn.gov.au)



3105MEL



3105ABEN



8000MEN

**Clipsal has a range of Home Distribution Units** to meet the needs of every household.

### One central unit

#### 3105PEN7440

This is Clipsal's most versatile HDU available as it can house your customer's entire home networking needs – including wireless services. The Acrylonitrile butadiene styrene (ABS) plastic HDU has been specifically designed for FTTH, with plenty of space for all of the necessary equipment required, cabling and more.

If cabling is impractical for your customers (in older homes and rental properties) this HDU is suitable for the wireless option, as it can house a wireless router without having any adverse signal strength effects. Please note that it's worth considering the limitations of any wireless option – specifically issues with speed, security and signal interference.



Catalogue Number	<b>3105PEN7440</b>
Internal/External	<b>Internal</b>
ABS Plastic/Metal	<b>ABS Plastic</b>
Flush/Surface Mounted	<b>Flush/Surface</b>
Lockable/Provision	<b>Provision</b>
Cable Entry Points (Top/Bottom/Rear/Side)	<b>Top/Bottom/Rear</b>
Dimensions	<b>750H x 405W x 150D</b>

*Photo for illustration purposes only. Product not included unless specified.*

#### 3105PEN7440 Features:

- Flush mount kit supplied as standard.
- Removable hinged door.
- Made from strong ABS plastic in White Electric.
- Vented front door for air circulation (specifically for backup power supply air circulation).
- Removable equipment mounting panel with grid lines, for ease of installation.
- Wi-Fi network compatible.
- Cutout for GPO on top and bottom when recess-mounted.
- Matching key locks x 2 (provided as standard).
- Zoned areas on rear of gear tray.
- Mounting racks included.



## Centralised and simple



### 3105PENFTTH

This HDU is ideal for housing all of your customer's FTTH equipment, cabling and more. The ideal location is in the garage, so it's not obtrusive and allows for easy access during maintenance.

Please note that this metal HDU is designed specifically for FTTH but is not suitable for mounting wireless equipment.

Catalogue Number	<b>3105PENFTTH</b>
Internal/External	<b>Internal</b>
ABS Plastic/Metal	<b>Metal</b>
Flush/Surface Mounted	<b>Flush</b>
Lockable/Provision	<b>Lockable</b>
Cable Entry Points (Top/Bottom/Rear/Side)	<b>Top/Side</b>
Dimensions - Box	<b>880H x 466W x 114D</b>
Dimensions - Flush Kit	<b>954H x 525W</b>

*Photo for illustration purposes only. Product not included unless specified.*

### 3105PENFTTH Features:

- Removable hinged front door for ease of installation.
- Powder-coated metal in a neutral colour.
- Mounting racks included.
- Accommodates up to 4 x 8-port patch panels.
- Hinged angled patch provides rear access to 8-port patch panels.
- Separate compartment for power segregation and uninterruptible power supply (UPS).
- Separate communications Earth terminal.
- Comes standard with key lock.

## More solutions

### 230CS

This metal HDU is designed for FTTH connections and comes with a double GPO and 5 x Cat. 6 connectors within each plate – offering all the necessary products for the NBN within one part code.

The HDU has sufficient room to house all FTTH equipment and home networking cabling.

The 230CS design is based on the Clipsal Electrical Meter Boxes, giving your customer the option of complementing the look and feel of their existing 230DRA Series Meter Box.

This HDU is not suitable for mounting wireless equipment.



230DRA Series Meter Box

230CS

Catalogue Number	<b>230CS</b>
Internal or External	<b>External</b>
ABS Plastic or Metal	<b>Metal</b>
Flush or Surface Mounted	<b>Flush/Surface</b>
Lockable or Provision	<b>Provision</b>
Cable Entry Points (Top/Bottom/Rear/Side)	<b>Top/Bottom</b>
Dimensions	<b>680H x 470W x 282D</b>

### 3105MEL

This HDU is extremely versatile and designed to house all FTTH equipment and cabling. The ideal location is in the garage, so it's not obtrusive and allows for easy access during maintenance.

This HDU is designed for FTTH connections and will not be suitable for mounting wireless equipment.



Catalogue Number	<b>3105MEL</b>
Internal or External	<b>Internal</b>
ABS Plastic or Metal	<b>Metal</b>
Flush or Surface Mounted	<b>Flush/Surface</b>
Lockable or Provision	<b>Lockable</b>
Cable Entry Points (Top/Bottom/Rear/Side)	<b>Top/Bottom/Rear</b>
Dimensions	<b>720H x 360W x 110D</b>

### 230CS Features:

- Can be integrated with the 230DRA Series meter boxes (for external mount).
- Comes with double GPO and 5 x Cat. 6 RJ45 Jacks (mounted).
- Hinged equipment mounting panel.
- Separate communications Earth terminal.
- Made from metal, with a Driftwood colour finish.

### 3105MEL Features:

- Removable front door for ease of installation.
- Powder Coated Metal in a Neutral Colour.
- Mounting Racks incorporated as part of rear of box.

## A Home Distribution Unit for everything



Catalogue Number	<b>3105ABEN</b>
Internal or External	<b>Internal</b>
ABS Plastic or Metal	<b>ABS Plastic</b>
Flush or Surface Mounted	<b>Flush</b>
Lockable or Provision	<b>Lockable</b>
Cable Entry Points (Top/Bottom/Rear/Side)	<b>Top/Bottom</b>
Dimensions	<b>383H x 269W x 88D</b>



Catalogue Number	<b>8000MEN</b>
Internal or External	<b>Internal</b>
ABS Plastic or Metal	<b>Metal</b>
Flush or Surface Mounted	<b>Flush/Surface</b>
Lockable or Provision	<b>N/A</b>
Cable Entry Points (Top/Bottom/Rear/Side)	<b>Top/Bottom/Rear</b>
Dimensions	<b>450H x 415W x 145D</b>

### 3105ABEN

This HDU is the perfect companion for your customer's FTTH equipment. A link from the NBN equipment to the home networking enclosure enables reticulation of their NBN services to phone and/or data outlets.

The compact HDU is perfect for smaller dwellings such as apartments or townhouses, where there are naturally fewer requests for home networking cabling due to space restrictions. Your customers won't even know it's there, as this recessed HDU can easily be hidden from view in the walk-in robe or laundry.

Please note that this HDU is suitable for Wi-Fi equipment, although space restrictions may affect your choice of modem, router and switch units.

### 8000MEN

This HDU can be used as a supplementary unit to house additional cabling.

Please note that this HDU is not suitable for mounting wireless equipment.

#### 3105ABEN Features:

- Removable door for ease of installation.
- Made from strong ABS plastic in a neutral colour.
- Mounting racks included.
- Comes standard with key lock.

#### 8000MEN Features:

- Removable hinged door for ease of installation.
- Powder-coated metal in a neutral colour.
- Mounting racks included.
- Flush mount kit available (8000MENFK).

## Specifications



**3105PEN7440**



**3105PENFTTH**



**230CS**



**3105MEL**



**3105ABEN**



**8000MEN**

### Home Distribution Units

Catalogue Number	3105PEN7440	3105PENFTTH	230CS	3105MEL	3105ABEN	8000MEN
Internal/External	Internal	Internal	External	Internal	Internal	Internal
ABS Plastic/Metal	ABS Plastic	Metal	Metal	Metal	ABS Plastic	Metal
Flush/Surface Mounted	Flush/Surface	Flush	Flush/Surface	Flush/Surface	Flush	Flush/Surface
Lockable/Provision	Provision	Lockable	Provision	Lockable	Lockable	N/A
Cable Entry Points (Top/Bottom/Rear/Side)	Top/Bottom/Rear	Top/Side	Top/Bottom	Top/Bottom/Rear	Top/Bottom	Top/Bottom/Rear
Dimensions	750H x 405W x 150D	880H x 466W x 114D 954H x 525W (flush)	680H x 470W x 282D	720H x 360W x 110D	383H x 269W x 88D	450H x 415W x 145D



Available from your nearest **MIDDY'S** branch

**P. 1800 778 823 E. technologies@middys.com.au**

**middys.com.au**

