

Installation Accessories

Ampetronic supply a comprehensive range of accessories to facilitate the installation of induction loop systems. The copper tape, warning tape and plastic extrusion simplify installation of loops under floor coverings such as carpets, vinyls, laminates and wood. The 19 inch rack mount accessories are compatible with all our equipment and enable simple, tidy and professional looking installations.

The logos add the finishing touch, advertising the presence of a professional induction loop system.



Flat Copper Tape

The standard flat copper tape supplied by Ampetronic is available in five different sizes:

| Part No. | Width | Thickness | (CSA) | Current | Length | Weight |
|------------|-------|-----------|--------------------|---------|--------|--------|
| ACFB50U10 | 10mm | 0.1mm | 1.0mm ² | 11A Max | 50m | 0.52kg |
| ACFB50U18 | 18mm | 0.1mm | 1.8mm ² | 18A Max | 50m | 0.96kg |
| ACFB100U18 | 18mm | 0.1mm | 1.8mm ² | 18A Max | 100m | 1.89Kg |
| ACFB50U20 | 20mm | 0.15mm | 3.0mm ² | 22A Max | 50m | 1.5kg |
| ACFB100U20 | 20mm | 0.15mm | 3.0mm ² | 22A Max | 100m | 2.84kg |

The different variants of tape help to provide the appropriate resistance depending on Hearing Loop Driver selection and application requirements. For example a thicker tape can be used with a Class D Driver to create a more energy efficient solution.

The construction of the cable is copper foil covered in bonded Polyester film. Our copper tape is zero halogen, RoHS compliant and UL recognised for fire retardancy.

Flat copper tape is used to make installation quick, simple and discreet. It is less demanding than round cable on amplifier voltage requirements due to its lower inductive characteristics.

Safety warning - Ampetronic Flat Cable is not suitable for connection to AC power supplies or other high voltage systems. To do so could result in injury or death.

Printed Warning Tape - PWT

Ampetronic supply a special high quality adhesive tape for affixing copper tape to floor surfaces. The tape has a printed warning message and symbols designed to alert others to its presence, purpose and importance.

The warning message printed on the tape is especially pertinent if visible before a floor covering is fitted. To alert inform carpet fitters of its location so that can avoid cutting the cables for example.

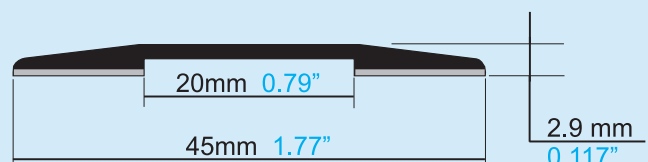
Ampetronic Printed Warning Tape is 50mm (2") wide, colour white and printed with a blue warning text and hearing loop logo. T
The tape is supplied in 50 metre (164ft) reels.

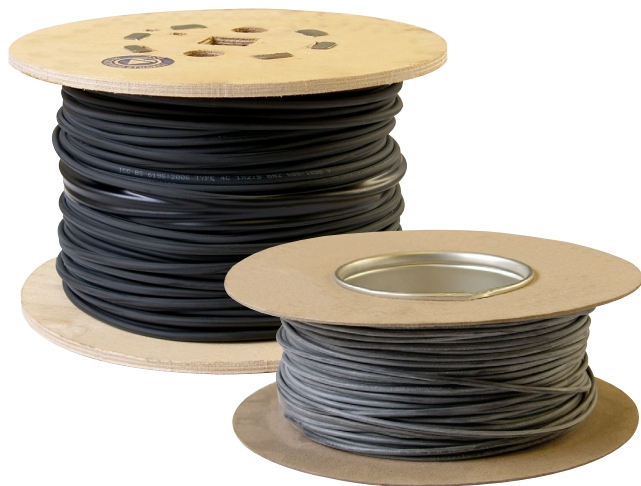
PVC Extrusion - EXT

This is a high density PVC extrusion, supplied in 3 metre sections, for covering the copper tape in areas where a high level of physical protection is needed, such as exposed floors, skirting boards etc.

Colour is light grey. Normal fixing is by means of the extra heavy duty adhesive strip fitted to the edges of the extrusion, but in exceptional cases screws or special fixing pins can be used in addition.

It is essential that the fixing surface should be free of grease, polish or dust. The dimensions are given in the drawing below:





Direct Burial Cable - DBC 1.0 / DBC 2.5

PVC cable can not be used for burial in concrete as the corrosive effects of alkalis present in cement based compounds will lead to failure of the loop over time.

This specialised EPR-CSP HOFR (Heat and Oil Resistant, Flame Retardant) cable offers more durable insulation when compared to standard PVC wire and improves protection where a loop wire needs to be installed in a concrete screed.

DBC 1.0 is available in 100m drums only. DBC 2.5 is available in 100m and 200m drums.

Hearing Loop Signs

A Hearing Loop sign is supplied with all Ampetronic Hearing Loop Drivers, and they are also available to purchase separately.

Hearing Loops are inaudible and invisible when installed. Therefore clear signage is required to inform potential users that the service is available to them and how to access it.

As a minimum, a Hearing Loop sign should be displayed at all entry points to any space where a system is fitted, and preferably also prominently displayed within the space.

If the Hearing Loop system is installed at a retail service point then a sign should be displayed at the entry to the premises and at each service point that a system is installed at.

Hearing Loop Signs are supplied in two sizes:

The large size sign is double sided, printed in standard blue colour on white rigid sheet, 0.62mm thick and supplied with the ILD, MLD and D Series Drivers.

The small sign is double sided, printed in standard blue colour on 0.25mm plastic sheet, one side coated with a fully transparent adhesive for fitting to glass panels. A single sign is supplied with the CLD & CLS1 series Drivers.

| | | |
|----------------|----------------|----------------|
| Code: | GG00002 | GG00001 |
| Size: | Small | Large |
| Width: | 99mm | 200mm |
| Height: | 128mm | 256mm |

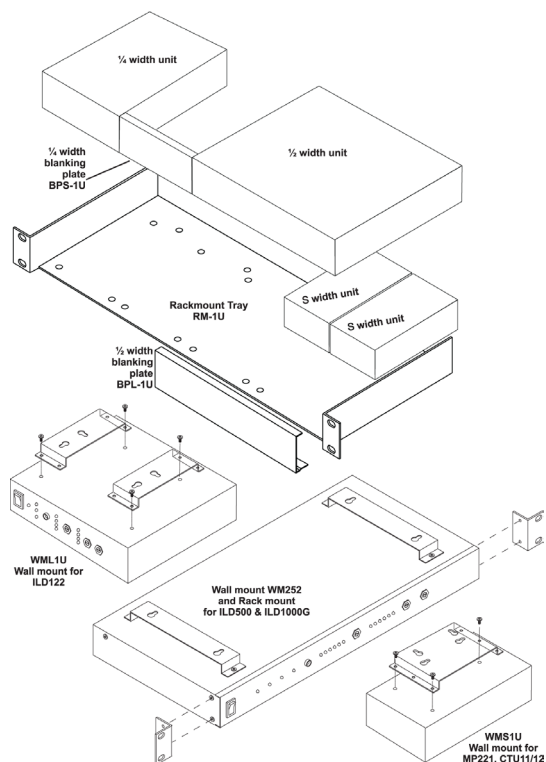
Equipment Mounting Accessories

Accessories for the professional mounting of all Ampetronic loop drivers and ancillary equipment are available. Units and Blanking Plates can be fitted in a variety of positions across the 1U, 19 inch tray.

The SP5 is a 1/6 width unit

The MP221, CTU11 & CTU12 are 1/4 width units

The ILD122 & ILD300 are 1/2 width units



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