An Overview Of The Cablecomb

The cablecomb relates to a product designed to help assist in the laborious and time-consuming task of looming cables associated with network cabling. The cablecomb is unique in that there are no products on the market, which loom cables with the accuracy, tidiness and above all the speed in which the cablecomb achieves this.

Most importantly, the cablecomb can be used by anyone unfamiliar with looming cables in what is regarded as a skilled trade when carried out correctly.

The term commonly used for organising a bundle of cables is cable 'dressing' or 'looming'. A dressed loom of cables is typically a bundle of cables with the outermost cables i.e. the visible cables, made to look neat and organised with the cables all running parallel to each other. This is achieved by manually untangling the bundle of cables and then manipulating the outermost cables to try and achieve straight parallel cables. Whilst this is achievable, this method is rather labour intensive and time consuming with the end result being a neat loom of cables (on the outside) and a disorganised mess in the middle of the loom. Until now only experienced cabling engineers were assigned this work. Unfortunately the most experienced cabling engineers cannot compete with the speed, accuracy and above all the total control of each individual cable up to the point of termination on the patch panel. When manually dressing a loom of cables it is not possible to maintain the position of all the cables in the loom continuously along the looms entire length, right up to the patch panel. The position of individual cables is not important until the dressed loom of cables are presented at the patch panel where it is immediately evident that because the cables are not in any organised sequence the cables appear randomly, totally in the wrong order, this then leaves the engineer with the impossible task of making a mess look neat, organised and professionally installed. This problem further compounds the terminating of the cables onto a patch panel where the cables ideally require to not only be numerically in order, sorted into odd and even numbers but most importantly, appear from the loom in the right order and in the correct position. Impossible to achieve by manually dressing a loom of cables.

In Brief - Problems Associated With Manually Dressed Cables

The cables on the outside of a 'dressed' loom serve only to disguise the hidden tangled mess underneath.

Cables from a loom dressed by hand do not appear in an organised sequential manner, making termination of the cables needlessly untidy and awkward to terminate.

As the cables have to be individually manipulated to form a neat loom, problems arise when tying the loom together, with no means of keeping the cables in any order or position, the cables will naturally mix-up and tangle together. The problem is further compounded when dressing cables from under a cabinet, wiring frame or from a ceiling void. It is not possible to maintain the shape of the looms outermost cables from crossing each other, subsequently all the cables will not run parallel to each other making the loom of dressed cables look untidy and unprofessionally installed with the cables crossing each other, this brief outline highlights why cable dressing is regarded as a somewhat skilled area of work. Professionally dressed cables do not cross each other, always run parallel to each other, so the dressed loom of cables is free of any tangled cables, the individual cables are then removed from the loom and individually terminated.

This method of dressing cables is very time consuming and skilled, with the loom of cables at the patch panel remaining somewhat untidy depending on the level of skill used by the individual dressing and terminating the cables.

The Cablecomb

A product designed to assist in the dressing of cables into their correct order, position and orientation whilst maintaining the dressed looms shape.

The cablecomb is **NOT** to be used on any type of live electrical cables.