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A CABLE ORGANISER

Abstract

Adoption of optic cables (or fibre optic cables) for data transmission has been increasing in the field of telecommunication and data communication. However, one of the problems with using optic cables is their inability to bend beyond a certain minimum radius. Over bending of these cables interferes with the propagation of light therewithin which impairs data transmission therethrough. Additionally, these optic cables have special splicing requirements when joining two pieces of cables. It is also desirous to permit quick and efficient patching one cable to another cable. Conventional solutions employ a drawer that is slidably mounted to an enclosure for providing a splice area for further containing and organizing the cables thereat. However, the mechanisms for the sliding drawers prevent the splice area from being fully exposed to facilitate access thereto, for example, during maintenance thereof. Additionally, the configuration of the sliding drawers also leads to the depth of the enclosure being spatially substantial, thereby contributing to the overall size of the enclosure equipment. An embodiment of the invention provides a cable organiser comprising a platform having a first portion and a second portion for forming a first plane therefrom. The first plane functions as an area wherealong the cables are attached. The second portion is pivotably coupled to the first portion for positioning to a retracted position whereat a portion of the cables is rotated to a second plane perpendicular to the first plane. The retractable second portion enables the platform to be pivotably attached to an enclosure while allowing the depth and overall size of the enclosure to be spatially shallow. The platform is pivotable between being completely enclosed by the enclosure and being fully exposed from the enclosure with the latter position for facilitating access to the cables and splice area during maintenance.

Figure 1