

WALL SUPPORT FOR FIVE FOOTWAYS

Overview

Aerial Bundled Cables (ABC) usually have a single layer of insulation only. It is not intended to be installed directly to the supporting surface. The wall mount fittings and the distance clips make it possible to install cables on various surfaces horizontally and vertically.

The Wall Support is designed to install LV ABC lines (self-supporting or insulated neutral messenger type) alongside concrete wall and poles. It is suitable for cable sizes of 3x16+25mm² to 3x95+70mm².

It is used in other installations such as in telecommunication, oil & gas, water, construction industries etc.

Application

- Support the cable installation alongside concrete wall and pole.

Design and Construction



The Wall Support is comprised of a fixing device, a bracket and nylon tie/cable strap. The bracket and cable strap are fully insulated and are made of UV-resistant thermoplastic material.

The bracket is designed to hold the aerial bundle cable and fixed into the fixing device. It is also designed with a slot underneath it which can be used to accommodate additional nylon tie in order to suspend a second cable to the bracket.

The cable tie is attached to the bracket and able to secure and lock the ABC cable by wrapping round it. It can be easily released if necessary.

The fixing device is comprised of a steel nail and insulated with an expansion plug made of UV resistant thermoplastic material.



Mounting

The expansion plug part is inserted in a drill hole of Ø 12mm and by hammering in the steel nail. Usually, the bracket is installed 70mm away from the concrete wall.

Technical specification

Conductor size : 3x16+25mm ² - 3x95+70mm ²
Nail : 7x180mm nail , 12x60mm plug
Cable diameter (mm): 10 – 50mm
Distance from surface (mm) : 70mm
Standards : NF C 33-040; BS 729; BS 1387
Tools required : Drill and Hammer

Tests

The Wall Support is extensively tested according to NFC 33-040; BS 729:1971; and BS 1387:1985

Contact

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