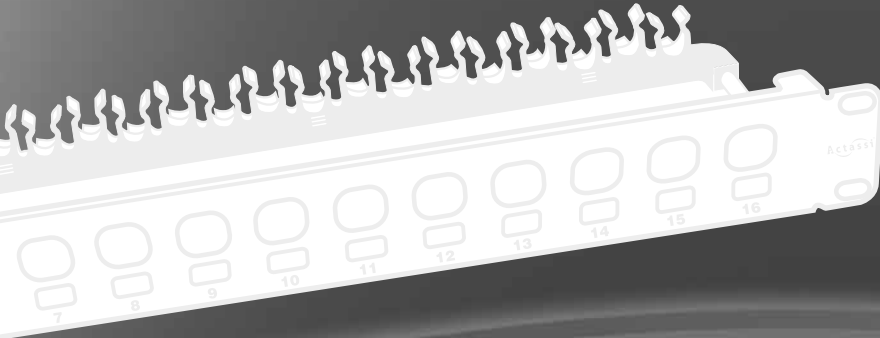


CLIPSAL[®]

by **Schneider** Electric



**Clipsal 16 Port Unloaded Patch
Panel 30 Mech FTP
RJ30/16UPPF**

Actassi

Installation Instructions

Features

The 30 Mech FTP panel is specifically designed for the Cat 6A FTP 30 Mech Connector (30RJ45SM6AF). The panel has the capability of being earthed. This must be done via a Communications Earthing System (CES). This panel can also be used for UTP applications if desired.

Specifications

Physical Characteristics

Ports	16 Ports 30 Mech Aperture Unloaded
Rack Unit	1RU
Rack Mount	19 Inch Mount
Surface Finish	Nickel Plated Finish

Box Contents

Unloaded Panel with Earthing Point
Rear Cable Management
Mounting Hardware
Cable Ties

Notes

- When inserting a 30 Mech product, ensure that the product is in line with the 30 Mech opening on the panel before clicking into place. It's recommended to insert top of the 30 Mech product and then click the bottom into mounts, refer to Figure 1.

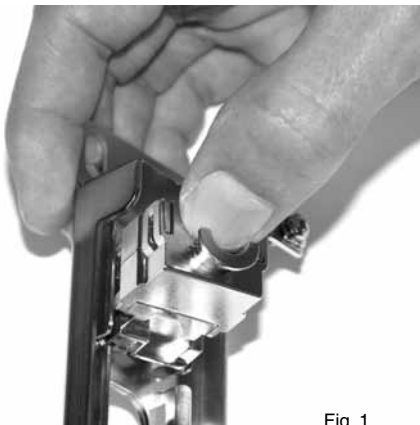


Fig. 1

- If required to remove product from panel, insert a flat head screwdriver into the mech mount position and gently pry the product out of the panel, refer to Figure 2.



Fig. 2

- **Not suitable for electrical applications ie. 30 Mech or any other variation used for power switching.**

Earthing of a FTP Patch Panel

Earthing of a shielded system is critical to provide protection for people and equipment by eliminating any potential difference between two metallic components when joined by a conductor. In a “shielded solution” there is the potential for the cable to be the conductor.

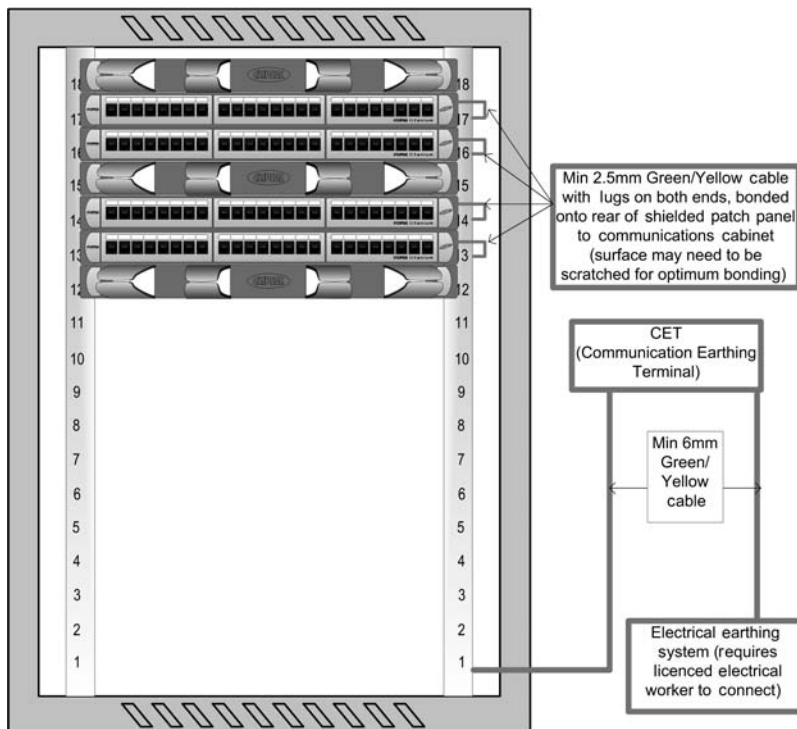
Earthing of a shielded solution is also necessary to ensure that the effects of unwanted noise signals, caused by EMF ingress from other services (a potential antenna effect) on telecommunications cables, do not interfere with the overall network performance.

1. A main Communications Earthing System (CES) must be established as per TS 009 Section 20.9.
2. A CES conductor with a minimum cross sectional area of 6mm² needs to be installed from the Communications Earthing Terminal (CET) to the communications cabinet; nut and bolted to the chassis of the cabinet. Scratching of painted surface is required on the cabinet chassis to provide good bonding surface.
3. Clipsal patch panels provide a 3mm nut and bolt bonding point where a short piece of earth conductor (min 2.5mm², Green/Yellow with lugs on both ends) is placed under the bolt on the patch panel and bolted to the chassis of the communications cabinet, to provide a continuous earth.

NOTE: A 2.5mm² cable lug with a 3 - 4mm hole is needed for the patch panel end and a 2.5mm² cable lug with a 6mm hole is needed for the chassis end.

The work station end does not require any specific earthing as the solution is earthed at the communications cabinet end.

Clipsal Shielded Solution Grounding



Grounding and Bonding

The above diagram is a basic overview of a communication earth system.

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