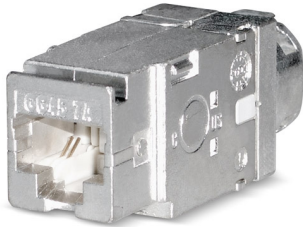
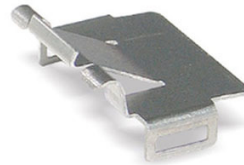


PS-GG45 7_A

Module, "Two-in-One" connector, shielded, Category 7_A
backward compatible to RJ45



Module PS-GG45 7A 1000 MHz shielded



Keystone clip

Description

The PS-GG45 7A module is a shielded module, compatible with RJ45 and specified up to 1000 MHz.

It was developed especially for applications beyond 10-gigabit Ethernet with highest bandwidths.

When used together with Cat. 7A data cables and patch cords, it enables to fulfil all Class FA requirements for the 4-connector Channel in accordance with ISO/IEC 11801 Amendment 1:2008.

The "Two-in-One" module has 12 contacts that work in two different transmission modes: Standard = RJ45 and High-Speed = GG45.

Useable for Power over Ethernet Plus (PoE+) corresponding to IEEE 802.3at. Robust zinc die casting housing with Keystone clip for easy installation in patch panels and faceplates with Keystone openings.

Quick and reliable wire-connections with the termination tool for GG45.

Depending on the plug that is used (RJ45 or GG45) there are 8 out of 12 contacts enabled:

- the RJ45 plug uses the 8 contacts on the top-level,
- the GG45 plug enables the 8 contacts in the upper and lower corners.

The 360° braid connection supplies best Coupling Attenuation values and provides for immunity against Alien Crosstalk or other external influences.

Electrical properties

| | |
|-----|----------|
| EMC | shielded |
|-----|----------|

Mechanical properties

| | |
|----------------------|--|
| Connection type | IDC insulation displacement connectors |
| Solid copper wire | 0.51 (AWG 24) - 0.65 (AWG 22) |
| Stranded copper wire | AWG24 - AWG28 |

Standards

| | |
|---------------------|---|
| Cat./Class | Cat.7 _A / Class F _A |
| Connector standards | IEC 60603-7-71 |
| Cabling standards | ISO/IEC 11801, EN 50173-1 |

Note

GG45TM is a registered trademark of Nexans.

Versions

| Material number | Product | Colour | Weight [kg] | Packing unit |
|-----------------|--|--------|-------------|--------------|
| 400102 | Module PS-GG45 7 _A 4P Two-in-One shielded | silver | 0.02 kg | 10 pcs. |
| 400103 | Module PS-GG45 7 _A 4P Two-in-One shielded, for stranded wires | silver | 0.04 kg | 10 pcs. |

