CONNECTING HARDWARE CAT.7$_A$

GG45™ connector system Cat.7$_A$
Module PS-GG45 7$_A$ shielded
"Two-in-One" connector
backward compatible to RJ45

Keystone clip   Module PS-GG45 7$_A$ Termination tool for GG45
                       1000 MHz shielded

PRODUCT INFORMATION

APPLICATION

The module PS-GG45 7$_A$ 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.7$_A$ data cables and patch cords, it enables to fulfil all Class F$_A$ 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.

DESCRIPTION

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.

MECHANICAL PROPERTIES

Solid copper wire	0.51 mm (AWG 24) to 0.65 mm (AWG 22)
Diameter over insulation	0.7 mm to 1.4 mm (1.6 mm)
Version for stranded copper wire	AWG 24 up to AWG 27
Stranded wire	7 bare stranded wires

STANDARDS

IEC 60603-7-71 (Cat.7$_A$ shielded, 1000 MHz)
ISO/IEC 11801:2002 / Amd.2:2010
EN 50173-1:2011

GENERAL CHARACTERISTICS

Termination	Pair configuration according to T568- A or T568-B, clearly marked with a colour code
Mounting	Suitable for Keystone openings in accordance with ISO/IEC 60603-7
Cat./Class	Cat.7$_A$ / Class F$_A$

Article No.	Description	Colour	PU
400102	Module PS-GG45 7$_A$ 4P Two-in-One shielded	metal	10 pcs.
400103	Module PS-GG45 7$_A$ 4P Two-in-One shielded, for stranded wires	metal	10 pcs.
400105	Termination tool for PS-GG45	red	1 pc.

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Please find an up-to-date matrix showing which patch panels and outlets are suitable for the insertion of the respective Datwyler module on our homepage www.datwyler.com.

Subject to technical modification.

DATWYLER