Module PS-GG45 7$_A$

"Two-in-One" connector, shielded, Category 7$_A$

backward compatible to RJ45

DATWYLER
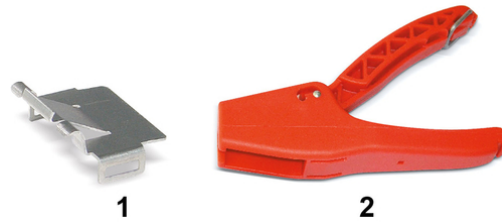
Module PS-GG45 7$_A$ 1000 MHz shielded

1 Keystone clip
2 Termination tool for GG45

DESCRIPTION

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.
Useable for Power over Ethenet 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.

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

GENERAL PROPERTIES

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

NOTE

GG45^{TM} is a registered tradename of Nexans.

STANDARDS

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

VERSIONS

Article Number	Product	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.