

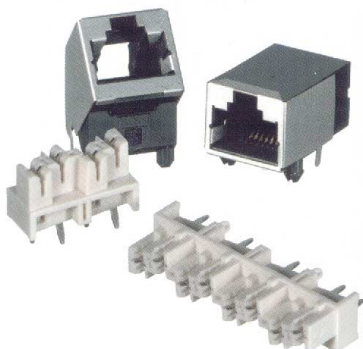
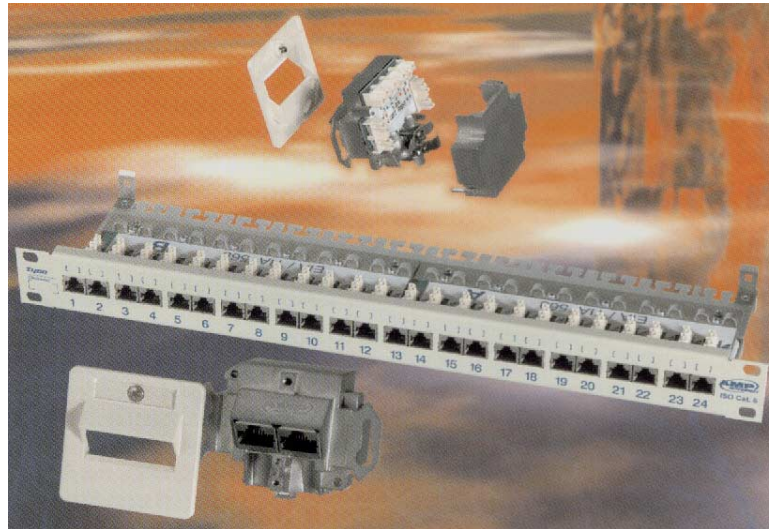
Category 6 Shielded - Cabling System

AMP NETCONNECT Category 6 Shielded Cabling System

.... a next higher level in performance and quality!

The new AMP NETCONNECT Category 6 Shielded Cabling System combines the latest innovations in connecting hardware. It consists out of 24 Port Patchpanels, Dual Outlets and Category 6 FTP or PiMF Cable.

The system exceeds all requirements according to the latest draft standards acc. ISO/IEC 11801, EN 50173 and EIA/TIA 568 both in Link & Channel performance but also on a component level. Each part of the system complies with the stringent Cat.6 component specifications and provides even in case of "mix&match" solutions excellent results.

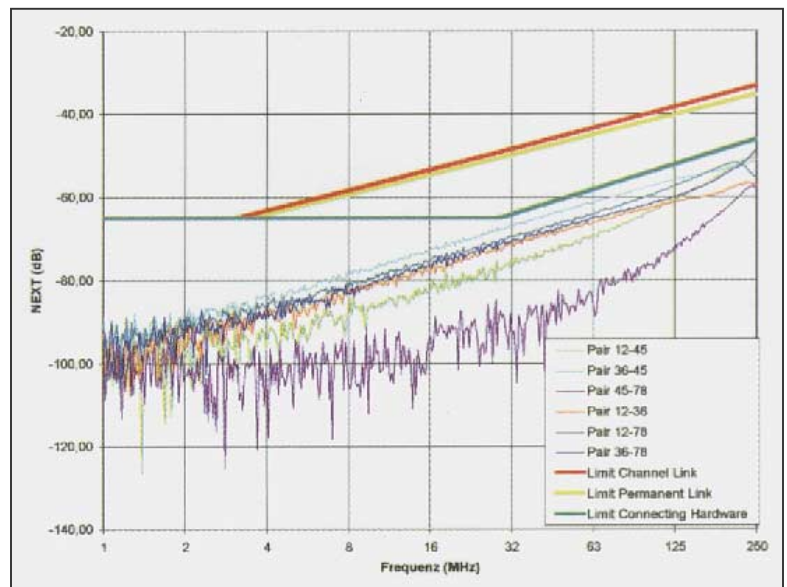


The basis for the excellent performance of this new system are the latest developments of new connector components done by Tyco/Electronics AMP NETCONNECT.

Both the new **RJ-45 Modular Jack with front end compensation** as well as the new **Enhanced 110 Connect Blocks** have been strictly designed from the beginning according to the new requirements for Category 6 components. These new parts are now the fundamental building blocks for this new high performance screened cabling system.



The AMP NETCONNECT Category 6 Dual Outlets and Patchpanels do not only fulfil the Class E Link and Channel requirements, but they also come up with the more stringent requirements of the **De-Embedded Testing** according ANSI/EIA/TIA-568-B.2-1 08/2001 for connecting hardware components in combination with all defined quality classes for the RJ-45 connector. Already the integrated parts itself are real Category 6 what provides the possibility to create open "mix&match" cabling systems without compatibility or test restrictions for the used patchcords, test adapters or active networking devices (for example 1000 Base TX for Cat.6). Moreover "Short Link" problems do not have any longer an influence on this system!



Category 6 Shielded - Cabling System

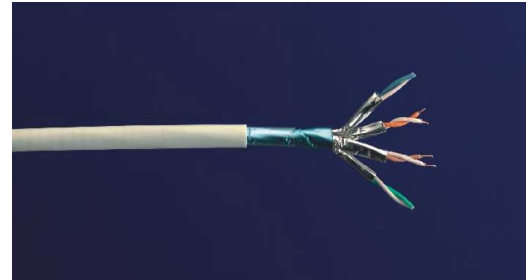
Category 6 System Cable

AMP NETCONNECT offers two Cables for shielded Category 6 Solutions.

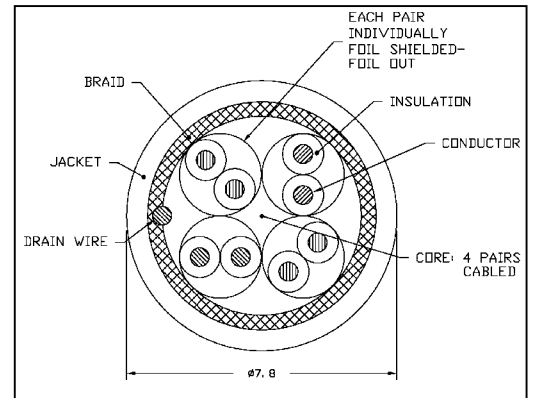
The new **Category 6 PiMF Compact Cable** integrates the latest innovations in cable technologies. It combines the high performance of an individual pair shield with the compact construction of a classical FTP Cable. The design provides positive ACR up to 425 MHz.

The **300 MHz PiMF Cable** is also designed with individual pair-shields but with an overall braid shield. It is therefore the choice where ever an improved EMI protection against strong lower frequency electrical or magnetic fields is required.

Both Cables exceed all Category 6 performance requirements according to the latest revisions of the international standards like ISO/IEC 11801 (2nd. edition) and EN 50173 (2nd. edition).



Category 6 PiMF Compact Cable



300 MHz PiMF Cable

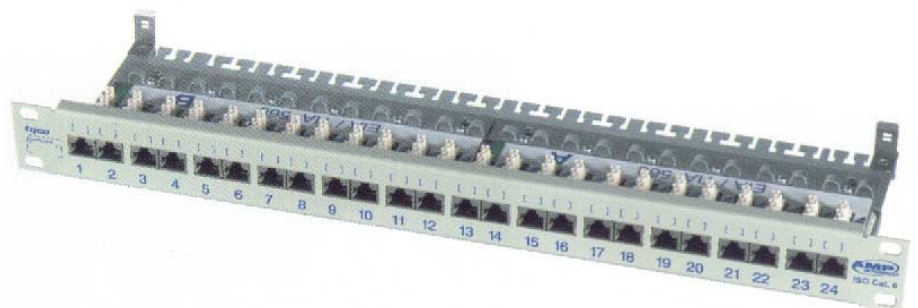
AMP PN	Description
0-1711007-1	Cat.6 PiMF Compact, LSZH, Simplex, white
0-1711008-1	Cat.6 PiMF Compact, LSZH, Duplex, white
0-0057892-1	300 MHz PiMF Cable, LSZH, white

Category 6 Patchpanel

The AMP NETCONNECT Category 6 Patchpanel with 24 RJ-45 Ports is a completely new design integrating the new developed Cat.6 RJ-45 Modular Jacks as well as the Enhanced 110 Connecting Blocks.

Product Facts:

- 1U, 19" Panel with 24 Ports
- Cover with variable latch height different cable diameters
- Separate screen contact and strain relief
- VDE ground clamp
- LSA+ Tool compatible
- Universal wiring acc. T568 A or T 568 B

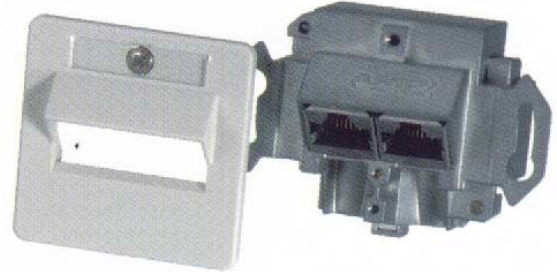


AMP PN	Description
0-0336560-1	24 Port Patchpanel, Cat.6, 19", 1U, grey (RAL 7032)
0-0336560-1	24 Port Patchpanel, Cat.6, 19", 1U, black (RAL 9005)
0-0336560-1	24 Port Patchpanel, Cat.6, 19", 1U, lightgrey (RAL 7035)

Category 6 Shielded - Cabling System

Category 6 Dual DIN Outlet

Owing to the compact construction of the completely screened die-cast housing of the Dual Outlet with a 15° cable exit, it ensures a very reliable installation without too strong bending or even kinks in the cable. Non-loose screws, a torsion-preventing strain-relief and screen contact as well as the 50x50 faceplate compatible to most of the existing faceplate programs in the market guarantee an easy handling and professional installation.



Product Facts:

- 50x50 central faceplate
- Labelling field with transparent cover
- Compact construction for installations in floor outlets
- 15° cable exit to avoid kinks
- LSA+ Tool compatible
- Universal wiring acc. T568 A or T568 B

AMP PN	Description
0-0336539-1	Dual DIN Category 6 Outlet, almond (RAL 1013)
2-0336539-1	Dual DIN Category 6 Outlet, white (RAL 9010)

Category 6 Patchcords - EMT(PiMF 300)

Patchcords are playing an important role when considering the channel performance of a cabling system. Only high quality connectors in combination with a high performance patchcable provide the end user best performance and highest reliability over a long term! Patented AMP manufacturing technologies create Patchcords that provide not only superior and controlled performance but also long term reliability

The Category 6 Patchcords are manufactured with the RJ-45 EMT Modular Plugs and 300 MHz PiMF Patchcable (with stranded wires).



AMP PN	Description
x-0346933-x	300 MHz PiMF Patchcord w. EMT RJ45 Plug, LSHZ, white

Available in different lengths (x):

-9	0.5 m	-3	4.0 m
-5	1.0 m	-8	5.0 m
-6	2.0 m	1--0	7.5 m
-7	3.0 m	1--1	10.0 m

(other lengths available upon request)

AMP NETCONNECT provides you the warranty for the complete system

AMP NETCONNECT provides you a complete cabling system based on a more than **60 years experience in interconnection systems**. This means that all components of the AMP NETCONNECT Category 6 Shielded Cabling System are designed together and perform together at the highest possible performance and reliability!

And for that reason, AMP NETCONNECT provides to you as the end user a **25 years warranty** for the complete cabling system, because we are sure that it performs within all specifications over that period of time.

Contact our competent NETCONNECT partners or your next AMP NETCONNECT Sales Office. We will support you any time!

