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1. General

Description

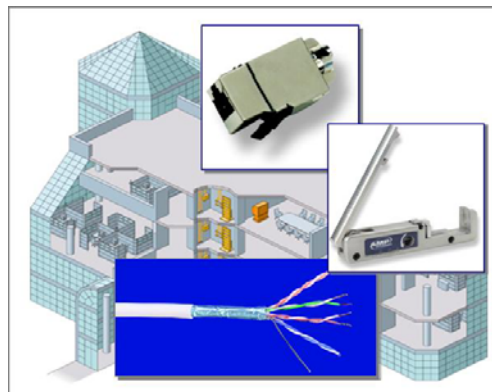
AMP NETCONNECT **Category 5E / Class D SL Shielded Cabling System** which provides enhanced performance for current and future applications such as GigaBit Ethernet (1000Base-TX), 10 and 100Base-TX, Token Ring, 155 Mbs ATM, 100 Mbps TP-PMD, ISDN and analog and digital voice (VoIP). The system is the choice where the original investment budgets allow only a basic cost effective standard compliant shielded solution, but without any compromise in long term reliability and quality of installation.

The cabling system includes high performance F/UTP (FTP) or SF/UTP (S-FTP) Category 5E Cable with 4 pairs AWG24 wires and is available with PVC or LSZH outer jackets.

The AMP NETCONNECT Category 5E Shielded SlimLine (SL) Modular Jacks terminate the system cable with a 360° shield contact in the outlet and optional in the panel as well. SL Jack terminations on both side of a link provides most consistent performance.

The Category 5E Shielded SL Modular Jacks have to be terminated with the AMP NETCONNECT 4pair SL Tool, which terminates all 4pairs during one operation cycle by keeping the distance of un-twist to an absolute minimum. The AMP NETCONNECT 4 pair SL tool with the included wire manager guarantees reliable and repeatable Category 5E terminations.

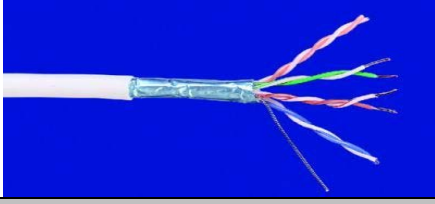
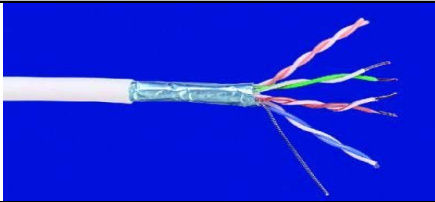
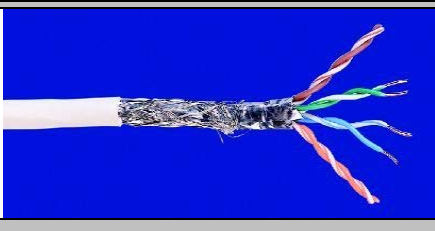
The SL Category 5E Shielded System includes different options for Patch Panels: Unloaded modular versions to accommodate the terminated SL Jacks but also PCB versions with LSA+ /110Connect compatible termination blocks. AMPTRAC Ready Patch Panels provide the option for a future upgrade and integration into an AMPTRAC Intelligent Infrastructure Management System (IIMS). Hi-D Panels support advanced side cable management saving additional space in a rack. Finally a wide choice of different faceplates, outlets and consolidation points allow the installation of the AMP NETCONNECT Category 5E Shielded Cabling System in various environments. The system complies in all aspects with the latest revisions of the international standards like ISO/IEC 11801, EN 50173 and EIA/TIA 568. If installed by an authorized AMP NETCONNECT Partner, the complete solution is covered by the 25 Years AMP NETCONNECT warranty.




AMPTRAC™
Ready!




2. System Cables

Description	Picture
<p>AMP NETCONNECT System Cable, F/UTP (FTP), Category 5E, 100 MHz (tested up to 350 MHz), 4 pair AWG23, PVC Jacket compliant to IEC 60332-1, colour: white</p> <p>Part Number: 0-0219413-2 (pullbox 305m)</p>	
<p>AMP NETCONNECT System Cable, F/UTP (FTP), Category 5E, 100 MHz (tested up to 350 MHz), 4 pair AWG24, LSZH Jacket compliant to IEC 60332-1, IEC 60754-1/-2 & IEC 61034-2, colour: white</p> <p>Part Number: 0-0219420-2 (pullbox 305m)</p>	
<p>AMP NETCONNECT System Cable, SF/UTP (S/FTP), Category 5E, 100 MHz, 4 pair AWG24, LSZH Jacket compliant to IEC 60332-1, IEC 60754-1/-2 & IEC 61034-2, colour: white</p> <p>Part Number: 0-0219484-2 (reel 500m)</p>	


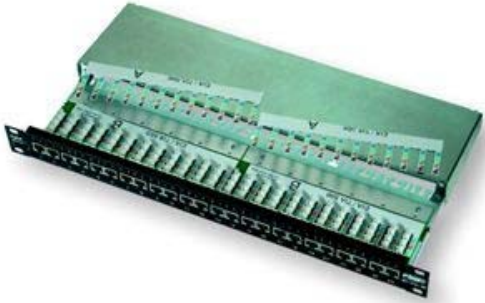
3. Category 5E Shielded SL (SlimLine) Modular Jacks

Description	Picture
<p>AMP NETCONNECT Category 5E Shielded SL Modular Jack, RJ45 SlimLine design supporting shortest distance of untwist, RJ45 contacts gold plated (1.27µm in localized area), IDC contacts terminating 22-24 AWG solid wires, universal T568 A/B wiring, with overall shielded housing and 360° shield contact, straight 180° cable exit, UL listed (file no. E81956), to be terminated with the 4 Pair SL Termination Tool.</p> <p>Part Number: 0-1375189-1</p>	




4. SL Termination Tool

Description	Picture
<p>AMP NETCONNECT 4Pair SL Termination Tool, for reliable and fast installation of all SL Style Modular Jacks, terminates of all 4 pairs in one operation cycle with controlled impact, integrated jacket stripper.</p> <p>Part Number: 0-1725150-1</p>	



5.1. Standard Patch Panels

Description	Picture
<p>AMP NETCONNECT Modular Patch Panel, unloaded, 1U, 19", for up to 24 Cat.5E Shielded SL Modular Jacks, with rear cable management and VDE 100 grounding bolt.</p> <p>Part Numbers: 0-0336526-1 colour: black (RAL 9005) 0-0336526-4 colour: light grey (RAL 7035)</p>	 <p>(Light grey version shown as reference)</p>
<p>AMP NETCONNECT PCB Patch Panel, 24 Port with integrated RJ45 Jacks to the front and LSA+/110Connect termination blocks to the rear, 1U, 19", with rear cable management and VDE 100 grounding bolt.</p> <p>Part Numbers: 0-0336671-2 colour: black (RAL 9005) 0-0336671-3 colour: light grey (RAL 7035)</p>	 <p>(Black version shown as reference)</p>




5.2. Special Benefit Patch Panels

Description	Picture
<p>AMP NETCONNECT Modular Patch Panel, unloaded, 1U, 19", for up to 24 Cat.5E Shielded SL Modular Jacks (not included), with rear cable management and VDE grounding bolt, black, AMPTRAC Ready for later upgrade & integration into IIMS.</p> <p>Part Number: 0-1711685-1</p>	
<p>AMP NETCONNECT Hi-D Modular Patch Panel, unloaded, for up to 24 Cat.5E Shielded SL Modular Jacks (not included), 19", 1U, angled and recessed front providing increased space for patchcords and supporting direct side cable management, rear cable management with adjustable and removable cable bracket via CaRe clips, black (RAL 9005).</p> <p>Part Number: 1-1671157-2</p>	
<p>AMP NETCONNECT Hi-D Modular AMPTRAC Patch Panel, unloaded, for up to 24 Shielded SL Modular Jacks (not included), 19", 1U, angled and recessed front, rear cable management with adjustable and removable cable bracket via CaRe clips, with 24 integrated AMPTRAC sensor contacts and interface for I/O cable, black (RAL 9005).</p> <p>Part Number: 1-1671136-0</p>	


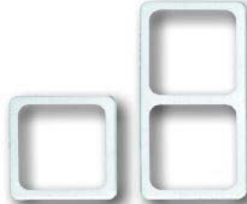

6. Consolidation Points

Description	Picture
<p>AMP NETCONNECT SL Jack Consolidation Point, for wall mount or raised floor installation accommodating up to 4 Category 5E Shielded SL Modular Jacks (not included) , termination area closed by screw-on protective cover, hinged cover for patching area, overall full dust protection, VDE grounding bolt, dimensions: 115x245x40mm</p> <p>Part Number: 1-1671163-1</p>	
<p>AMP NETCONNECT AMP-TWIST / SL Jack Consolidation Point, for wall mount or raised floor installation accommodating up to 12 Category 5E SL Modular Jacks (not included), termination area closed by screw-on protective cover, hinged cover for patching area, overall full dust protection, VDE grounding bolt, dimensions: 240x240x40mm</p> <p>Part Number: 2-1671163-1</p>	




7.1. DIN Style Faceplates & Outlets

Description	Picture
<p>AMP NETCONNECT DIN Flushmount 3 Port Outlet, metal mounting frame (DIN size) and 50x50mm faceplate white (RAL 9010), for installation of up to 3 Category 5E Shielded SL Modular Jacks</p> <p>Part Numbers: 0-1711537-2 including 50x50 faceplate & 80x80 frame 0-1711485-2 including 50x50 faceplate</p>	
<p>AMP NETCONNECT DIN Style 3 Port Outlet 50x50, metal mounting frame (DIN size) and 50x50mm faceplate white (RAL 9010), for installation of up to 3 Category 5E Shielded SL Modular Jacks</p> <p>Part Numbers: 2-0336614-1 including 50x50 faceplate & 80x80 frame 2-0336613-1 including 50x50 faceplate</p>	
<p>AMP NETCONNECT DIN Faceplate Frame (80x80/50x50), colour white (RAL 9010)</p> <p>Part Number: 5-0336608-1</p>	

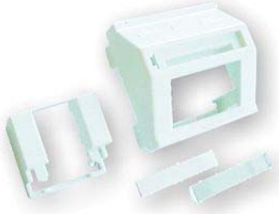


7.1. DIN Style Faceplates & Outlets (Continued)

Description	Picture
<p>AMP NETCONNECT DIN 2 Port Faceplate, metal DIN size mounting frame, faceplate white (RAL 9010) with integrated spring loaded front shutters for mounting of up to 2 Category 5E Shielded SL Modular Jacks (versions without integrated dust cover)</p> <p>Part Number: 2-0966224-1</p>	
<p>AMP NETCONNECT DIN Faceplate Frame (80x80/75x75), colour white (RAL 9010), for DIN 2 Port Faceplate</p> <p>Part Numbers: 2-0964830-1 Single Frame 2-0964361-2 Dual Frame</p>	
<p>AMP NETCONNECT DIN Surface Mount Box Kit, colour white (RAL 9010)</p> <p>Part Numbers: 2-0966740-1 Surface Mount Box 2-0966740-2 Surface Mount Box & DIN Frame (80x80/75x75)</p>	



7.2. 45x45 "Mosaic" Style Faceplates & Outlets

Description	Picture
<p>AMP NETCONNECT 22.5x45 Angled Faceplate Module, "Mosaic Style", accepts one Cat.5E Shielded SL Modular Jack, with integrated spring loaded front shutter, white (RAL 9010)</p> <p>Part Number: 0-1711664-1</p>	
<p>AMP NETCONNECT 22.5x45 Straight Faceplate Module, "Mosaic Style", accepts one Cat.5E Shielded SL Modular Jack, with integrated spring loaded front shutter, white (RAL 9010)</p> <p>Part Number: 0-1711349-1</p>	
<p>AMP NETCONNECT 45x45 Straight Faceplate, "Mosaic Style", with integrated spring loaded front shutter, white (RAL 9010)</p> <p>Part Numbers: 0-1711277-1 Single Port (for 1 Cat.5E Shielded SL Jack) 0-1711276-1 Dual Port (for 2 Cat.5E Shielded SL Jacks)</p>	 <p>(1 Port Version shown as reference)</p>

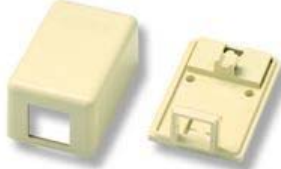


7.2. 45x45 “Mosaic” Style Faceplates & Outlets (Continued)


Description	Picture
<p>AMP NETCONNECT 45x45 Angled Faceplate, “Mosaic Style”, without front shutter, for up to 1 or 2 Category 5E Shielded SL Modular Jacks, white (RAL 9010)</p> <p>Part Numbers: 0-0336793-1</p>	
<p>AMP NETCONNECT Faceplate Frame, “Mosaic Style” (86x86/45x45), white (RAL 9010), for up to 2 x (22.5x45) or 1 x (45x45) Faceplate Modules</p> <p>Part Number: 0-1711307-1</p>	
<p>AMP NETCONNECT Surface Mount Box (86x86), white (RAL 9010)</p> <p>Part Number: 0-0185705-1</p>	



7.3. DIN Style “Valena” compatible Faceplates

Description	Picture
<p>AMP NETCONNECT DIN Style 3 Port Outlet 50x50, metal mounting frame (DIN size) and 50x50mm faceplate white (RAL 9010), for installation of up to 3 Category 5E Shielded SL Modular Jacks</p> <p>Part Number: 2-0336613-1</p>	
<p>AMP NETCONNECT Adapter Frame for “Valena” Faceplates, to be used with DIN Style 3 Port Outlet 50x50 (2-0336613-1) and “Valena” frames, white (RAL 9010)</p> <p>Part Number: 0-1859130-1</p>	





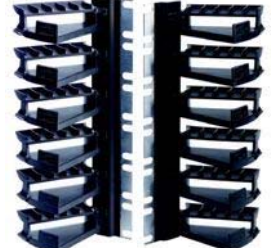


Valena is a trademark of the LEGRAND company.

7.4. Surface Mount Office Boxes / Outlets	
Description	Picture
<p>AMP NETCONNECT 1 Port Economy Office Box, for up to 1 Category 5E Shielded SL Modular Jack, white</p> <p>Part Number: 0-1116697-3</p>	
<p>AMP NETCONNECT 2 Port Economy Office Box, for up to 2 Category 5E Shielded SL Modular Jacks, white</p> <p>Part Number: 0-1116698-3</p>	
<p>AMP NETCONNECT Office Box, with cable exit cover, for up to 2 or 4 Category 5E Shielded SL Modular Jacks, white</p> <p>Part Numbers: 0-1933287-3 2 Port 0-1933288-3 4 Port</p>	

7.5. SL Jack Mounting Frames for OBO Bettermann Floor Boxes	
Description	Picture
<p>AMP NETCONNECT SL Jack Mounting Frame, for up to 6 or 9 Category 5E Shielded SL Modular Jacks</p> <p>Part Numbers: 0-1711255-1 6 Port, black 0-1711255-3 6 Port, chrome 0-1711255-4 9 Port, chrome</p>	

8. System Patchcords	
Description	Picture
<p>AMP NETCONNECT Patchcord, Cat.5E Shielded (F/UTP) PVC, 4 pair stranded F/UTP cable, PVC jacket, snagless boot, colour: white</p> <p>Part Numbers: 0-1344357-9 0.5 m 0-1344357-5 1.0 m 0-1344357-6 2.0 m 0-1344357-7 3.0 m 0-1344357-8 5.0 m</p> <p><i>(other lengths available on same performance & construction upon request)</i></p>	
<p>AMP NETCONNECT Patchcord Cat.5E Shielded (F/UTP) LSZH, 4 pair stranded F/UTP cable, LSZH jacket, snagless boot, colour: white</p> <p>Part Numbers: 1-1644077-1 0.5 m 0-1644077-1 1.0 m 0-1644077-2 2.0 m 0-1644077-3 3.0 m 0-1644077-5 5.0 m</p> <p><i>(other lengths available on same performance & construction upon request)</i></p>	

Other colours in LSZH version are available upon request.

9. Cable Management & Accessories	
Description	Picture
<p>AMP NETCONNECT Cable Management Panel, 1U, 19" with five high quality engineered cable management bars, black</p> <p>Part Number: 0-0558329-1</p>	
<p>AMP NETCONNECT Cable Management Panel, 1U, 19" with front finger duct (38x76mm), black</p> <p>Part Number: 0-1375162-1</p>	
<p>AMP NETCONNECT Hi-D Side Cable Manager, 1U, for installation in 800mm racks & cabinets to save space owing to elimination of horizontal cable management. (1 pair – left & right)</p> <p>Part Number: 0-1671132-1</p>	
<p>AMP NETCONNECT Hi-D Side Cable Manager, 2U, for installation in 800mm racks & cabinets to save space owing to elimination of horizontal cable management. (1 pair – left & right)</p> <p>Part Number: 0-1671132-2</p>	
<p>AMP NETCONNECT Hi-D Side Cable Manager, 6U, for installation in 800mm racks & cabinets to save space owing to elimination of horizontal cable management. (1 pair – left & right)</p> <p>Part Number: 0-1671132-6</p>	
<p>AMP NETCONNECT Cable Tie, for correct bundling, routing and organizing of installed high performance data cable. Material: Polyamide 6.6 (UL 94V2), size: 200x3.6 mm</p> <p>Part Number: 4-0160996-1</p>	
<p>AMP NETCONNECT Cable Tie, for correct bundling, routing and organizing of installed high performance data cable. Material: Polyamide 6.6 (UL 94V2), size: 370x4.8 mm</p> <p>Part Number: 2-0160978-1</p>	

More Cable Ties in different sizes available upon request.

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