

Modular Twisted Pair

Unloaded Hardware - Outlets 80 x 80 mm (DIN)

DIN Dual Angled Outlet

FEATURES

- Dual outlet to accept either up to 2 SL Series Jacks
- To be used with single or multiple gang DIN faceplates
- Supplied complete with back plate, adapter plate and shutters
- Individual ports are icon-able



ORDERING INFORMATION

Description	Part Number
DIN Dual Angled Outlet, for 2x Slim Line Jack; Color: almond (RAL 1013)	966936-5
DIN Dual Angled Outlet, for 2x Slim Line Jack; Color: pure white (RAL 9010)	2-966936-5

DIN Standard Outlet for Recessed Mounting

FEATURES

- Outlet for recessed mounting
- To be used with single or multiple gang DIN faceplates
- Supplied complete with spring loaded shutter

ORDERING INFORMATION

Description	Part Number
DIN standard outlet; almond (RAL 1013)	966223-1
DIN standard outlet; pure white (RAL 9010)	2-966223-1
DIN dual straight outlet; almond (RAL 1013)	966224-1
DIN dual straight outlet; pure white (RAL 9010)	2-966224-1



European Keystone Faceplate for HK and KM8

FEATURES

- Two port faceplate, 50x50
- For use with Cat5e HK and Cat6 KM8 jacks
- Complete with integrated dust protection
- Removable corners for installation in areas with restricted space



ORDERING INFORMATION

Description	Part Number
Unloaded Keystone Faceplate, 50x50, White	6690 2 675-01
Faceplate, 80x80, White	6690 3 725-05

Note: Unloaded faceplates compatible with HK jacks:

Cat 5e HK UTP Pure White (6540 1 130-01)

Cat 5e HK UTP Black (6540 1 130-04)

Cat 5e HK STP Metal (6540 1 154-02)

Modular Twisted Pair

Unloaded Hardware - Outlets 80 x 80 mm (DIN)

DIN 50 x 50 mm Faceplate Frame

FEATURES

- Faceplate suitable for all outlets with a 50 x 50 mm footprint
- External Dimensions 80 x 80 mm

ORDERING INFORMATION

Description	Part Number
80 x 80 mm Faceplate Frame for 50 x 50 mm outlets; pure white (RAL 9010)	5-336608-1
80 x 80 mm Faceplate Frame for 50 x 50 mm outlets; Color: almond (RAL 1013)	5-336608-2
80 x 80 mm Faceplate Frame for 50 x 50 mm outlets; Color: black (RAL 9005)	5-336608-3



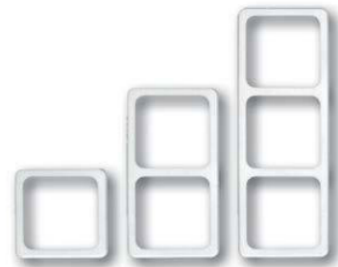
Single and Multiple DIN Faceplate Frames

FEATURES

- Faceplate for suitable for all outlets with a 75 x 75 mm footprint
- External Dimensions 80 x 80 mm

ORDERING INFORMATION

Description	Part Number
Single Faceplate Frame; almond (RAL 1013)	964830-1
Single Faceplate Frame; pure white (RAL 9010)	2-964830-1
Dual Faceplate Frame; almond (RAL 1013)	964361-2
Dual Faceplate Frame; pure white (RAL 9010)	2-964361-2
Triple Faceplate Frame; almond (RAL 1013)	964361-3
Triple Faceplate Frame; pure white (RAL 9010)	2-964361-3



DIN Surface Mount Outlet Back Box

FEATURES

- Back Box for Surface Mounting
- Available individually or as a complete kit with a single faceplate
- Not suitable for use with multiple faceplates

ORDERING INFORMATION

Description	Part Number
Surface Mount Outlet Back Box; almond (RAL 1013); Back box only	966740-1
Surface Mount Outlet Back Box; almond (RAL 1013); Back box + faceplate	966740-2
Surface Mount Outlet Back Box; pure white (RAL 9010); Back box only	2-966740-1
Surface Mount Outlet Back Box; pure white (RAL 9010); Back box + faceplate	2-966740-2
Adaptor DIN RAIL to DIN Surface Mount Outlet Back Box;	1671164-1



Modular Twisted Pair

Unloaded Hardware - Outlets 80 x 80 mm (DIN)

Universal Mounting Bracket

FEATURES

- Universal Mounting Bracket for installations into trunking
- Available in two sizes:
 - for installation into trunking with a small "C-Profile"
 - for installation into trunking with a big "C-Profile"

ORDERING INFORMATION

Description	Part Number
Universal Mounting Bracket for small C-profile	966498-1
Universal mounting bracket for big C-profile	1671925-1



Modular Twisted Pair

Unloaded Hardware - Outlets 80 x 80 mm (DIN)

Floor box Bracket for OBO Bettermann GESR 7/10

FEATURES

- Mounting Bracket for installations into Ackerman floor boxes
- Supplied complete with fixing screws
- Stainless Steel bracket
- Complete with strain relief handle
- 2 lengths available - with or without cable management
- Blanking Plate available separately



ORDERING INFORMATION

Description	Part Number
Blanking Plate (Pearl white)	964719-1
Floor box Bracket; 3 Gang without Management	1394294-1
Floor box Bracket; 2 Gang without Management	1394294-3

SL Jack Mounting Frame for Bettermann Floor Boxes

FEATURES

- High density SL applications in floor box environments
- Angled geometry for easy cable management
- Frame is iconable and provides labeling space
- May be modified to suit almost any floor box application
- SL Jacks with dust covers recommended for use within these frames
- Patent pending
- Available unpainted or in black
- Unpainted parts are equipped with VDE grounding bolt



Color: black

ORDERING INFORMATION

Description	Part Number
SL Jack mounting frame; 6 Ports black (short version)	1711255-1
SL Jack mounting frame; 9 Ports black (long version)	1711255-2
SL Jack mounting frame; 6 Ports unpainted (short version)	1711255-3
SL Jack mounting frame; 9 Ports unpainted (long version)	1711255-4

Modular Twisted Pair

Unloaded Hardware - Outlets Swiss Installation

“EDIZIOdue” 2 Port Straight

FEATURES

- “EDIZIOdue” 2 port faceplates suitable for trunking, recessed or surface mounting
- Accepts all SL Series Jacks
- Individual ports are icon-able

ORDERING INFORMATION

Description	Part Number
AP; Color: pure white (RAL 9010)	5-101016-7
UP; Color: pure white (RAL 9010)	1711168-1
UP; Color: black (RAL 9005)	1711168-4
KNL; Color: pure white (RAL 9010)	1711169-1
KNL; Color: black (RAL 9005)	1711169-4



Kallysto 2 Port Angled with Adaptor Plate

FEATURES

- Kallysto 2 port angled faceplate suitable for trunking, recessed or surfaced mounting
- Accepts all SL Series Jacks
- Large labeling field

ORDERING INFORMATION

Description	Part Number
UP; Color: pure white (RAL 9010)	1711604-1
UP; Color: black (RAL 9005)	1711604-4
KNL; Color: pure white (RAL 9010)	1711632-1
KNL; Color: black (RAL 9005)	1711632-4
AP; Color: pure white (RAL 9010)	1711633-1
AP; Color: black (RAL 9005)	1711633-4



“FLF” 2 Port with Adaptor Plate

FEATURES

- Dual faceplate suitable for floor box mounting
- Accepts all SL Series Jacks

ORDERING INFORMATION

Description	Part Number
FLF; Color: pure white	1711606-1
FLF; Color: black	1711606-2



Modular Twisted Pair

Unloaded Hardware - Outlets Swiss Installation

“EDIZIOdue Compatible” 3 Port DIN Flushmount Angled

FEATURES

- “EDIZIOdue compatible” 3 port angled faceplates suitable for trunking or recessed mounting
- Accepts all SL Series Jacks (except AMP-TWIST 7_AS)
- Self-adhesive labels are available
- Individual ports are icon-able

ORDERING INFORMATION

Description	Part Number
UP, 3 port; Color: pure white (RAL 9010)	1711625-1
KNL, 3 port; Color: pure white (RAL 9010)	1711626-1



“EDIZIOdue Compatible” 3 Port DIN Angled

FEATURES

- “EDIZIOdue compatible” 3 port DIN angled faceplates suitable for trunking or recessed mounting
- Accepts all SL Series Jacks
- Self-adhesive labels are available
- Individual ports are icon-able

ORDERING INFORMATION

Description	Part Number
UP, 3 port; Color: pure white (RAL 9010)	1711082-1
KNL, 3 port; Color: pure white (RAL 9010)	1711083-1



“EDIZIOdue Compatible” 4 Port Straight

FEATURES

- “EDIZIOdue compatible” 4 port straight faceplates
- Accepts all SL Series Jacks
- Self-adhesive labels are available
- Individual ports are icon-able

ORDERING INFORMATION

Description	Part Number
KNL, 4 Port; Color: pure white	1711282-1
KNL, 4 port; Color: black	1711282-2



Modular Twisted Pair

Unloaded Hardware - Outlets Swiss Installation

“Standard” 2 Port Straight

FEATURES

- “Standard” Style 2 port faceplates suitable for trunking or recessed mounting
- Accepts all SL Series Jacks
- Individual ports are icon-able



ORDERING INFORMATION

Description	Part Number
UP; Color: pure white (RAL 9010)	7-101016-3
KNL; Color: pure white (RAL 9010)	7-101016-5

Basico 2 Port Angled with Adaptor Plate

FEATURES

- Basico 2 port angled faceplates suitable for trunking, recessed or surface mounting
- Accepts all SL series jacks
- Large labeling field



ORDERING INFORMATION

Description	Part Number
UP; Color: pure white (RAL 9010)	1711605-1
AP; Color: pure white (RAL 9010)	1711634-1
KNL; Color: pure white (RAL 9010)	1711644-1

Blanking plate

FEATURES

- Blanking plate to be inserted from frontside



ORDERING INFORMATION

Description	Part Number
Blanking Plate for EDIZIOdue 2port + 4port and Standard Outlets; Color: pure white	1711283-1
Blanking Plate for EDIZIOdue 2port + 4port and Standard Outlets; Color: black	1711283-2
Blanking Plate for Kallysto, Basico and FLF; Color: pure white	1711937-1
Blanking Plate for Kallysto, Basico and FLF; Color: black	1711937-2

Modular Twisted Pair

Unloaded Hardware - Outlets UK Style (BS)

BS 50 mm Unloaded Faceplates and Shuttered Modules

FEATURES

- Unloaded faceplate accepts either 2 or 4 BS 50 mm shuttered modules
- Single shuttered 50 mm module (spring loaded shutter)
- Dimensions module: 25 x 50 mm

Color: signal white (RAL 9003)



ORDERING INFORMATION

Description	Part Number
Single shuttered 25 x 50 mm angled module	1711275-1
Single gang faceplate (for 2 shuttered modules)	1711399-1
Dual gang faceplates (for 4 shuttered modules)	1711400-1
Triple gang faceplate (for 3 shuttered modules)	1711963-1
Blanking plate 25 x 50 mm	1711403-1
Blanking plate 12.5 x 50 mm	1711404-1

UK Style Faceplates & Adaptors

FEATURES

- For use with CL keystone jacks
- In-line and angled options available
- Single and Double gang faceplates



ORDERING INFORMATION

Description	Part Number
RJ-K CL Standard 25x50 adaptor white (pack of 20)	6540 1 801-00
RJ-K CL Angled 25x50 adaptor white (pack of 20)	6540 1 802-00
Keystone Angled 25x50 adaptor white (pack of 1)	6538 4 111-05
Unloaded Deep Faceplate, UK style, 50x50 (single-gang), White (Pack of 10)	6540 1 812-04
Unloaded Deep Faceplate, UK style, 50x100 (double-gang), White (Pack of 10)	6540 1 812-05

Note: Unloaded adaptors compatible with jacks:

Cat 5e CL UTP White shutter RJ45 (6540 1 200-01)

Cat 6 CL UTP White RJ45 (6537 1 010-00)

Modular Twisted Pair

Unloaded Hardware - Outlets UK Style (BS)

BS LJ6C Unloaded Faceplates and Shuttered Modules

FEATURES

- Unloaded faceplate accepts either 1 or 2 LJ6C shuttered modules
- Dimensions faceplate: 86 x 86 mm (single and dual port)
- Single shuttered LJ6C module (spring loaded shutter)
- Dimensions module 25 x 39 mm

Color: signal white (RAL 9003)

ORDERING INFORMATION

Description	Part Number
Single port LJ6C unloaded faceplate	1711301-1
Dual port LJ6C unloaded faceplate	1711302-1
Quad port LJ6C unloaded faceplate	2153004-1
Single shuttered LJ6C module	1711348-1
Blanking plate	1711491-1
Single unshuttered angled LJ6C module	1711775-1
Single shuttered angled LJ6C module	1859096-1



LJ6C UK Style Faceplates & Adaptors

FEATURES

- Adaptors for use with CL keystone jacks
- In-line and angled options available

ORDERING INFORMATION

Description	Part Number
CL Standard LJ6C Adaptor (pack of 20)	6540 1 810-00
CL Angled LJ6C Adaptor (pack of 20)	6540 1 813-00
Keystone Standard LJ6C Adaptor (pack of 1)	6830 2 402-00
Keystone Angled LJ6C Adaptor (pack of 1)	6540 1 814-01

Note: Unloaded adaptors compatible with jacks:
Cat 5e CL UTP White shutter RJ45 (6540 1 200-01)
Cat 6 CL UTP White RJ45 (6537 1 010-00)



Modular Twisted Pair

Unloaded Hardware - Outlets UK Style (BS)

Keystone UK Style Faceplate

FEATURES

- UK style faceplate with integrated dust protection
- For accommodating Category 5e HK and Category 6 KM8 and keystone jacks
- Dimensions: 85 x 85mm

ORDERING INFORMATION

Description	Part Number
Unloaded Faceplate, Keystone, UK Style, White, Single	6538 3 111-03
Unloaded Faceplate, Keystone, UK Style, White, Double	6538 3 111-04

Note: Unloaded faceplates compatible with HK jacks:
Cat 5e HK UTP Pure White (6540 1 130-01)
Cat 5e HK UTP Black (6540 1 130-04)
Cat 5e HK STP Metal (6540 1 154-02)



Back Boxes for UK Style Outlets

FEATURES

- Designed for surface installations
- Dimensions: 86 x 86 x 27mm

ORDERING INFORMATION

Description	Part Number
Back Box, Single Gang White	6536 1 005-00
Back Box, Double Gang White	6536 3 044-00



Modular Twisted Pair

Unloaded Hardware - Outlets 45 x 45 mm ("Mosaic")

Single and Dual Outlets 45 x 45 mm in Angled and Flat versions

FEATURES

- Unloaded Single Port half width shuttered module (spring loaded) with 22.5 x 45 mm footprint
- Unloaded Dual and Single Port full width shuttered module (spring loaded) with 45 x 45 mm footprint
- Frame outer dimension 86 x 86 mm
- Frame mounting dimension 60 mm

Color: pure white (RAL 9010)

ORDERING INFORMATION

Description	Part Number
Dual/Single Port angled outlet for 2 SL jacks or 1 AMP-TWIST Jack; Size: 45 x 45 mm; Picture: A	336793-1
Dual Port shuttered angled outlet for 2 AMP-TWIST Jacks; Size: 45 x 45 mm; Picture: B	1711797-1
Single Port shuttered angled outlet for 1 SL jack or 1 AMP-TWIST Jack; Size: 22.5 x 45 mm; Picture: C	1711664-1
Single Port shuttered angled outlet for 2 AMP-TWIST Jacks; Size: 45 x 45 mm;	1711653-1
Single Port shuttered flat outlet for 1 SL jack or 1 AMP-TWIST Jack; Size: 22.5 x 45 mm, Picture: D	1711349-1
Single Port shuttered flat outlet for 1 SL jack or 1 AMP-TWIST Jack; Size: 45 x 45 mm; Picture: E	1711277-1
Dual Port shuttered flat outlet 2 SL jacks; Size: 45 x 45 mm	1711276-1
"45x45" Outlet 45 x 45 mm for SC-Duplex, ST-Style, SL adaptor or MT-RJ jack; Picture: F	183931-1
Frame for 1x 45 x45 module or 2x 22.5x45 modules; Size: 45 x 45 mm; Picture: G	1-1711307-1
Blind cover; Size: 22.5 x 45 mm	1711306-1
Adapter Frame to 50 x 50 mm; Color: almond (RAL 1013); Picture: H	1379156-1
Adapter Frame 50 x 50 mm to Legrand Valena™ frames	1859130-1
85 x 85 Surface mount box; accepts frame 1-1711307-1; 45 mm deep	185705-1



Modular Twisted Pair

Unloaded Hardware - Outlets 45 x 45 mm ("Mosaic")

45x45 Adaptors and Faceplate

FEATURES

- For use with Category 5e HK and Category 6 RJ45 Keystone jacks
- Adaptors come complete with integrated dust protection

ORDERING INFORMATION

Description	Part Number
Adaptor 22,5x45mm, Single, White	6690 1 825-10
Adaptor 45x45mm, Single, White	6690 1 825-00
Unloaded Faceplate, 45x45mm, White	6690 3 745-01

Note: Unloaded adaptors compatible with HK jacks:

Cat 5e HK UTP Pure White (6540 1 130-01)

Cat 5e HK UTP Black (6540 1 130-04)

Cat 5e HK STP Metal (6540 1 154-02)



Modular Twisted Pair

Unloaded Hardware - Outlets Single/Double Gang (US Installation)

Standard USA Faceplates

FEATURES

- Accepts all AMP-TWIST jacks, SL Series jacks, MT-RJ outlet jacks and SL Series inserts
- Faceplate dimensions:
2.75 in (69.85 mm) x 4.5 in (114.30 mm) x 0.22 in (5.59 mm)
- Label viewing area with
integrated label covers that flip down and Snap-in place
- Extender kits are used to add 0.5 inches of space between the mounting surface and the faceplate



ORDERING INFORMATION

Description	Part Number
Port Count: 1; Single Gang; Orientation: Vertical	2111008-1
Port Count: 2; Single Gang; Orientation: Vertical	2111009-1
Port Count: 3; Single Gang; Orientation: Vertical	2111010-1
Port Count: 4; Single Gang; Orientation: Vertical	2111011-1
Port Count: 6; Single Gang; Orientation: Vertical	2111012-1
Port Count: 6; Double Gang; Orientation: Vertical	2111013-1
Port Count: 8; Double Gang; Orientation: Vertical	2111014-1
Port Count: 12; Double Gang; Orientation: Vertical	2111015-1
Extender Kit	2111201-1
Port Count: 4; Single Gang; Orientation: Horizontal	2111203-1

Y- -X	Color
0- -1	Almond
0- -2	Black
0- -3	White
0- -4	Gray
1- -1	Electrical Ivory

Surface Boxes

FEATURES

- Back Box for Surface Mounting
- 44.5 mm depth and one piece construction simplifies installation

ORDERING INFORMATION

Description	Part Number
Single Gang; almond	558251-1
Single Gang; pure white	558251-3



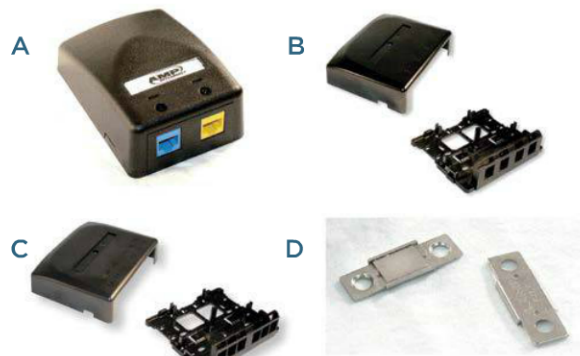
Modular Twisted Pair

Unloaded Hardware - Surface Mount Boxes

Surface Mount Modules and Accessories

FEATURES

- Accept AMP-TWIST modular jacks and all SL Series modular jacks and inserts
- Can accommodate fiber cable and connectors (MT-RJ, LC, simplex SC, and ST) and includes fiber loop management
- Allows access to jacks and inserts while module is mounted
- Cable exits located on rear, bottom and both sides of modules Features cable entry strain relief
- Provided with label and clear label cover, squares of double-sided foam tape, self-tapping screws, and cable ties



Y- -X	Color
0- -1	Almond
0- -2	Black
0- -3	White
0- -4	Gray
1- -1	Electrical Ivory

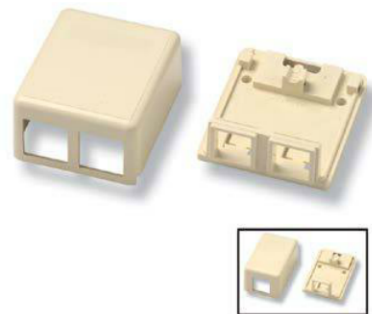
ORDERING INFORMATION

Description	Part Number
Surface Mount Module; 2-Port; Figure A	Y-1933668-X
Surface Mount Module; 4-Port; Figure B	Y-1933671-X
Surface Mount Module; 6-Port; Figure C	Y-1933674-X
Magnet for Metal Surface Mounting; Figure D	1933677-1

Modular Jack Boxes

FEATURES

- Accepts unshielded Standard 110Connect, any SL Series Jacks and MT-RJ
- Very compact
- Individual outlets are icon-able
- Patented invisible icon holes remain invisible when not used



ORDERING INFORMATION

Description	Part Number
1 Port; almond	1116697-1
1 Port; pure white	1116697-3
2 Port; almond	1116698-1
2 Port; pure white	1116698-3

Modular Twisted Pair

Unloaded Hardware - Surface Mount Boxes

AMP-TWIST SL Jack Office Boxes

FEATURES

- Accepts AMP-TWIST jacks and all SL series jacks
- Compatible with most trunking
- High density
- Individual outlets are icon-able
- Patented invisible icon holes remain invisible when not used



ORDERING INFORMATION

Description	Part Number
2 Port; Color: almond	1933287-1
2 Port; Color: black	1933287-2
2 Port; Color: pure white	1933287-3
4 Port; Color: almond	1933288-1
4 Port; Color: black	1933288-2
4 Port; Color: pure white	1933288-3

Surface Mount Boxes

FEATURES

- Dimensions enable it to be used in restricted spaces
- Flammability class: UL94 V0

ORDERING INFORMATION

Description	Part Number
Surface Mount, unloaded for KM8, 1port	7080 2 064-10
Surface Mount, unloaded for KM8, 2port	7080 2 065-10



RJ-45 Dust Cap

FEATURES

- Re-usable rubber dust caps
- Fits in all RJ 45 Jacks
- Available in 7 colors



ORDERING INFORMATION

Description	Part Number
RJ-45 dust cap	Y-969556-X

Y- -X	Color
0- -1	Red
0- -2	Yellow
0- -3	Green
0- -4	Blue
0- -5	Black
0- -6	Gray
0- -7	White

Modular Twisted Pair

Twisted Pair Tools

AMP-TWIST & SL Series Modular Jack Termination Tool Kit

FEATURES

- Terminates all AMP-TWIST and SL Series Modular Jacks
- Strips cable, marks foil, terminates and cuts 8 conductors at once
- Maintains twisted pair integrity
- Reliable connections every time
- Time and cost saving simplifying lacing process and speeding up the termination
- Lacing fixture assures simple and efficient use (not used for AMP-TWIST Jacks)



ORDERING INFORMATION

Description	Part Number
Handheld termination tool kit with lacing fixture	1725150-1
Handheld termination tool kit without lacing fixture (for AMP-TWIST jacks)	1725150-3
Lacing fixture - Spare Part	1673956-1

110C Impact Tools

FEATURES

- Industry standard termination tools for SL Modular, 110Connect, AMP CO Ultra and other LSA-PLUS compatible IDC blocks
- Available as impact tool (premium or standard version) or as non-impact tool
- Tools are delivered with blade
- Extended-life blades have a lifetime three times longer than standard blades

ORDERING INFORMATION

Description	Part Number
Premium Impact Tool with Extended-Life Blade	1375308-1
Standard Impact Tool with Standard Blade	1583608-1
Non-Impact Tool with Standard Blade	1583236-1
Replacement Blade (Extended-Life)	1375309-1
Replacement Blade (Standard)	1375310-1



Modular Twisted Pair

Twisted Pair Tools

Cable Preparation Tools

FEATURES

- Easy, safe and fast cable preparation
- Diagonal Cutter for precise cutting of wire
- JackKnack cuts the cable sheath
- LightKnack is designed to provide light anywhere

ORDERING INFORMATION

Description	Part Number
Diagonal Cutter	1116571-1
JackKnack	2119000-1
LightKnack	2119700-1



Q-Jack Punchdown Pad

FEATURES

- Q-Jack Punchdown Pad helps the termination process
- Q-Jack Punchdown Pad also support RJ45 UTP Modular Jacks

ORDERING INFORMATION

Description	Part Number
Q-Jack Punchdown Pad (Pack of 10)	6537 1 610-00



LSA-PLUS Insertion Tool

FEATURES

- For termination of wires with the conductor diameter range 0.35 - 0.9mm and overall diameter range 0.7 - 2.6mm
- Insert and cut wires simultaneously
- Insertion sensor ensures the conductor is fully inserted into the block contacts before allowing any excess wire to be cut off
- An inhibitor lock prevents the scissors from operating, particularly useful in applications in which conductors are daisy-chained through several contacts
- Specially designed wire hook removes terminated conductors
- Blade helps to remove blocks easily from back mount frames

ORDERING INFORMATION

Description	Part Number
LSA-PLUS Insertion Tool	6417 2 055-01



Modular Twisted Pair

Twisted Pair Tools

KM8 Termination Tool

FEATURES

- Tool for swift terminating KM8 style jacks
- Hundreds of KM8 jack terminations from one tool

ORDERING INFORMATION

Description	Part Number
KM8 Termination Tool	6830 1 490-00



Multimate termination Tool

FEATURES

- Terminates RJ45 UTP Modular Jack ensuring a significant saving of installation time
- Inserts and crops wire simultaneously in one single handed easy action
- Replacement blade units can be purchased and replaced without the need for special tooling
- Carry pouch with belt loop helps conveniently store and protect the tool and its contents

ORDERING INFORMATION

Description	Part Number
Multimate Termination Tool Pack	6467 1 140-00
Replacement Head, C6A Keystone (White)	6467 2 142-00
Replacement Blade Unit	6467 2 149-00



13. Home Net-works Residential Cabling

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Home Net-Works Residential Cabling

Enclosures & Panels

Home Net-Works Enclosures Surface Mount

FEATURES

- Aesthetic surface mount enclosure
- Solid steel construction with hingeable cover
- Knockout ports for cable entry on top and bottom
- 1" x 1" mounting grid for maximum versatility
- Accommodates multiple 18-Port connectivity panels
- Including grounding bolt

ORDERING INFORMATION

Description	Color	Part Number
Home Net-Works Enclosure Small	White (RAL 9003)	1-1671331-1
Home Net-Works Enclosure Large	White (RAL 9003)	1-1671331-2



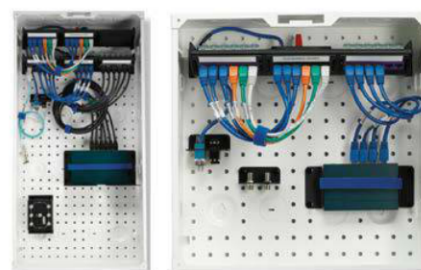
Home Net-Works Enclosures Flush Mount

FEATURES

- Aesthetic flush mount enclosure with cover (all AWG 20 steel)
- Multiple double knockouts for cable entry on all surfaces
- Multiple cable tie tabs for cable management
- 1" x 1" mounting grid for maximum versatility
- Recess or surface option
- Dual knockouts for electrical j-box
- Accommodates multiple 18-Port connectivity panels

ORDERING INFORMATION

Description	Color	Part Number
14" Enclosure with Cover	White	1933691-1
28" Enclosure with Cover	White	1933692-1



Connectivity Panels

FEATURES

- Inclined panel accepting up to 3 x 6-port modules
- Available for UTP and STP
- STP version including a PEC and grounding point

ORDERING INFORMATION

Description	Color	Part Number
Angled Bracket STP	Black (RAL 9005)	1933776-1
Angled Bracket UTP	Black (RAL 9005)	1933693-1



Home Net-Works Residential Cabling

Modules

AMP CO Ultra Quick-Fit Kit

FEATURES

- Fast termination and easy assembly
- Shielded housing with patented automatic shielding clamp
- Kit includes 2 die-cast housings, 2 AMP CO Plus Edge Connectors and frame for labeling. (AMP CO Inserts to be ordered separately)
- Performance up to 2.0 GHz

ORDERING INFORMATION

Description	Color	Part Number
AMP CO Ultra Quick-Fit Kit; (RAL 9005)	Black	2153014-1



Standard Telecom Bridge

FEATURES

- 6 Ports - 4 lines per port
- For basic telephone, fax and dial-op modem service
- Bridge for incoming lines to six output ports

ORDERING INFORMATION

Description	Part Number
Front-Loadable Standard Telecom Bridge	1479701-1



Unloaded Connectivity Module

FEATURES

- 6 port module, accepts all SL series jacks
- Available for UTP and STP

ORDERING INFORMATION

Description	Part Number
Connectivity Module STP	2111093-1
Connectivity Module UTP	2111117-1
Blank module	1479698-1



Home Net-Works Residential Cabling

Connectivity

SL Series Multimedia Inserts

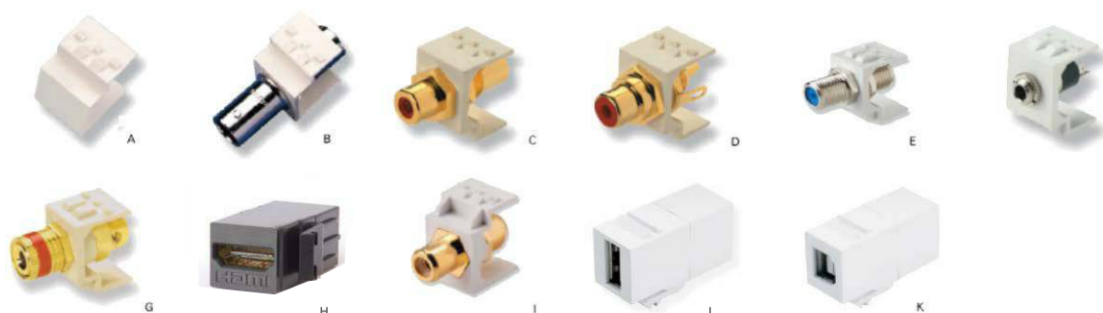
FEATURES

- The inserts offer flexibility and density at the work area outlet
- Can be installed in any faceplate or outlet designed to the SL series jack footprint
- Some couplers may not be available in all colors

Y- -X	Color
0- -1	Light Almond
0- -2	Black
1- -3	Alpine White

ORDERING INFORMATION

Description	Part Number
ST Coupler; Fiber Type: Multimode	Y-1339123-X
ST Coupler; Fiber Type: Singlemode	Y-1479181-X
BNC Coupler Insert; Figure B	Y-2111615-X
MT-RJ SL Series Housing	Y-1374416-X
RCA Coupler, Red Dielectric	Y-1375361-X
RCA Coupler, White Dielectric	Y-1375362-X
RCA Coupler, Yellow Dielectric	Y-1375363-X
RCA Solder Termination, Red Dielectric	Y-1375364-X
RCA Solder Termination, White Dielectric	Y-1375365-X
RCA Solder Termination, Yellow Dielectric	Y-1375366-X
RCA Coupler, Green Dielectric	Y-1933192-X
RCA Coupler, Blue Dielectric	Y-1933193-X
RCA Coupler, Orange Dielectric	Y-1933194-X
RCA to F-Connector; Figure I	Y-1933096-X
F-Connector Coupler, 2 GHz; Figure E	Y-1499855-X
3.5 mm Stereo Mini-Headphone, Screw Terminal, Figure F	Y-1933582-X
Speaker Post, Black Stripe	Y-1479190-X
Speaker Post, Red Stripe; Figure G	Y-1479191-X
SC Simplex Coupler; Fiber Type: Multimode or Singlemode	Y-1499836-X
LC Coupler; Fiber Type: Singlemode APC; LC Coupler and Housing, Green	1933286-3
LC Coupler; Fiber Type: Singlemode; LC Coupler and Housing, Blue	1933286-4
LC Coupler; Fiber Type: XG LO 850 nm 50/125µm; LC Coupler and Housing, Aqua, OM3 & OM4	1933286-6
LC Coupler; Fiber Type: 50/125µm; LC Coupler and Housing, Black, OM2	1-1933286-1
LC Coupler; Fiber Type: 62.5/125µm; LC Coupler and Housing, Beige, OM1	1-1933286-2
USB A-A Coupler; Figure J	Y-1933659-X
USB B-A Coupler; Figure K	Y-1933661-X
HDMI Coupler Figure H	2111500-2
Blank Insert Figure A	Y-1116412-X



Home Net-Works Residential Cabling

Connectivity

SL Series Multimedia Jacks

FEATURES

- For use when distances are less than 130 ft.
- Uses Standard 110 Termination and will accept 26-22 AWG conductors
- RCA Multimedia Jack
 - For audio and visual signals
 - Uses one pair of twisted-pair-cable white,red or yellow dielectrics to match home theater equipment
- S-Video Multimedia Jack
 - For S-Video Y/C (Luminance/Chrominance black and white/Color) signals
 - Uses two pairs of a standard twisted-pair cable



ORDERING INFORMATION

Description	Part Number
S-Video	1375149-2
RCA to 110 Punch Down, Red Dielectric	Y-1479230-X
RCA to 110 Punch Down, White Dielectric	Y-1479231-X
RCA to 110 Punch Down, Yellow Dielectric	Y-1479232-X

Y- -X	Color
0- -1	Light Almond
1- -3	Alpine White

Home Net-Works Residential Cabling

Accessories

Velcro Cable Ties

FEATURES

- Hook and loop ties
- No risk of damaging cables
- Releasable and reusable
- An order quantity of one equals one roll of 10 ties



ORDERING INFORMATION

Description	Part Number
Velcro Tie 1" x 8" (10pcs.)	1375253-2
Velcro Tie 1" x 12" (10pcs.)	1375254-2

Accessories

FEATURES

- Demarcation bracket: SL Series bracket accepts 2 SL Series jacks for incoming data service demarcation
- Velcro Hold-Down Bracket: Used to secure network electronics such as cable/DSL routers<
- Network Shelf: Accommodates network electronics such as DSL modems, routers and switches



ORDERING INFORMATION

Description	Part Number
Dual Demarcation Bracket	1479441-1
Velcro Hold-Down Bracket	1479440-1
Network Shelf	1479437-1

14. Commercial and Industrial Ethernet LAN

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Commercial and Industrial Ethernet LAN

Power-over-Ethernet

8 Port Modular PoE Gigabit Midspan Unit

FEATURES

- 8 Port PoE Midspan Unit
- 19" rack mountable (with mounting frame)
- Universal 110/220V (50/60Hz) power supply
- Full power on every port (15.4 W)
- Up to 3 devices can be mounted into a 19", 1U mounting frame



ORDERING INFORMATION

Description	Part Number
19", mounting frame 1U for 3 Midspans units	1591185-0
8 Port PoE Midspan unit; Power Cord for Europe	1591188-2
8 Port PoE Midspan unit; Power Cord for UK/Ireland	1591188-7

Commercial and Industrial Ethernet LAN

LAN Media Converters

Ethernet Media Converter

FEATURES

- 10 Slot 19" Rack Mount Chassis System
- Supports up to 10 Media Converters
- Different Media Converter types can be mixed
- Hot-Swappable Converters
- A second power supply can be fitted
- Exceptionally reliable dual redundant power system can be Hot-Swapped
- Dimensions: 440 x 226 x 133 mm (W x D x H)
- Internal cooling fan
- Includes kit for mounting in 19" racking



ORDERING INFORMATION

Description	Part Number
10 Slot Chassis System with 1 Power Unit; Europe	1591032-2
10 Slot Chassis System with 1 Power Unit; UK/Ireland	1591032-7
Spare/Redundant AC Power Unit for Chassis	1591034-0

10/100 MBit/s Ethernet Media Converter

FEATURES

- 10/100 MBit/s RJ-45 Copper port
- Auto-MDI/MDI-X detection
- 100Base-FX fiber port
- Dimensions: 85 x 120 x 26 mm (W x D x H)



ORDERING INFORMATION

Description	Part Number
10/100M Multimode SC Media Converter; Europe	1591024-2
10/100M Multimode SC Media Converter; UK/Ireland	1591024-7
10/100M Multimode ST-Style Media Converter; Europe	1591026-2
10/100M Multimode ST-Style Media Converter; UK/Ireland	1591026-7
10/100M Singlemode - Single Fiber WDM 1550 nm Converter; Europe	1591029-2
10/100M Singlemode - Single Fiber WDM 1550 nm Converter; UK/Ireland	1591029-7
10/100M Singlemode SC Media Converter; Europe	1591030-2
10/100M Singlemode SC Media Converter; UK/Ireland	1591030-7
10/100M Singlemode - Single Fiber WDM 1310 nm Converter; Europe	1591031-2
10/100M Singlemode - Single Fiber WDM 1310 nm Converter; UK/Ireland	1591031-7

Commercial and Industrial Ethernet LAN

LAN Media Converters

Gigabit Ethernet Media Converter

FEATURES

- 10/100/1000 MBit/s RJ-45 Copper port
- Auto-MDI/MDI-X detection
- 1000Base-SX or 1000Base-LX fiber port
- Dimensions: 85 x 120 x 26 mm (W x D x H)



ORDERING INFORMATION

Description	Part Number
1000Base-SX (multimode) Media Converter; Europe	1591020-2
1000Base-SX (multimode) Media Converter; UK/Ireland	1591020-7
1000Base-LX (singlemode) Media Converter; Europe	1591022-2
1000Base-LX (singlemode) Media Converter; UK/Ireland	1591022-7

Commercial and Industrial Ethernet LAN

Industrial Media Converters

Industrial Copper-to-Fibre Media Converter

FEATURES

- Suitable for plant rooms, factory floor, oil and gas terminal rail and marine and many more harsh environments
- Provides High / low temperature range with rugged construction Compact housing, 140 x 30 x 95 mm
- IP30 protection
- Store-and-Forward Switching Architecture
- RJ-45 port support MDI/MDI-X auto-crossover
- Autonegotiation Speed, Half/Full Duplex
- Signal indicating LEDs
- Built-In Link Lose Forwarding (LLF) & Link Fault Pass-Through (LFP) Technology
- Redundant wide range power input +12 to +48 V DC
- Flexible mounting: DIN-rail and panel mounting
- Operating Temperatures -40°C up to +75 °C



ORDERING INFORMATION

Description	Part Number
10/100 Multimode Ethernet Media converter- TEC-100-MM-XE	1987152-2

Commercial and Industrial Ethernet LAN

Industrial Switches

Fast Ethernet Industrial Switches (Unmanaged)

FEATURES

- Suitable for factories, rail and road side deployment
- Compact housing, 140 x 30 x 95 mm
- IP30 protection
- Relay output
- Store-and-Forward Switching Architecture
- RJ-45 port support MDI/MDI-X
- Broadcast storm protection
- Embedded switch controller
- supports auto negotiation
- Signal indicating LEDs
- Network Cable Redundant wide range power input +12 to +48 V DC
- Flexible mounting: DIN-rail and panel mounting
- Operating Temperatures -40°C up to +75 °C



ORDERING INFORMATION

Description	Part Number
4 Port 10/100 Ethernet Switch with single MM SC Uplink Port - TES-401-MM-XE	1987033-2
5 Port 10/100 Ethernet Switch --TES-500-XE	1987031-2
8 Port 10/100 Ethernet Switch - TES 800-XE	1987032-2

Gigabit Ethernet Industrial Switches (Unmanaged)

FEATURES

- Suitable for factories, rail and road side deployment
- Compact housing, 140 x 30 x 95 mm
- IP30 protection
- Relay output
- Store-and-Forward Switching Architecture
- RJ-45 port support MDI/MDI-X
- Broadcast storm protection
- Embedded switch controller
- Supports auto negotiation
- Signal indicating LEDs
- Network Cable Redundant wide range power input +12 to +48 V DC
- Flexible mounting: DIN-rail and panel mounting
- Operating Temperatures -40°C up to +75 °C



ORDERING INFORMATION

Description	Part Number
4 Port 10/100/1000 Ethernet Switch with single SFP Uplink Port - TES-4001-SFP-XE	1987155-2
8 Port 10/100/1000 Ethernet Switch - TES 8000-XE	1987154-2

Commercial and Industrial Ethernet LAN

Industrial Switches

10/100 Managed Industrial Switches (with Gigabit Uplink)

FEATURES

- Layer 2
- Gigabit Uplink: 2 Ports RJ-45 / SFP fiber
- Combo function (SFP or Gigabit Copper)
- Robust housing, 152 x 72 x 106 mm
- IP30 protection
- Relay output
- Store-and-Forward Switching Architecture
- RJ-45 port support MDI/MDI-X
- Signal indicating LEDs



ORDERING INFORMATION

Description	Part Number
16 Port Unmanaged 10/100 Ethernet With Dual SFP Uplink Combo ports - TES 162M-GU-SFP-COMBO	1987256-2
8 Port 10/100 Ethernet Switch with Dual SFP Uplink Combo ports - TES-802M-GU-SFP-CO	1987257-2

Commercial and Industrial Ethernet LAN

SFP Transceivers

SFP (Small Form Factor Pluggable) Transceiver

ORDERING INFORMATION

Description	Part Number
SFP Transceiver SFP-100-FX-MM	1987195-1
SFP Transceiver SFP-1000-SX-MM	3-1987195-3
SFP Transceiver SFP-100-FX-SM	1591530-1
SFP Transceiver SFP-1000-LX-SM	1591313-1



15. Administration & Labeling

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Administration & Labeling

Icons

Icons

FEATURES

- Icons for port identification applicable to various faceplates of 110Connect and AMP CO series
- Different colors and different symbols available



ORDERING INFORMATION

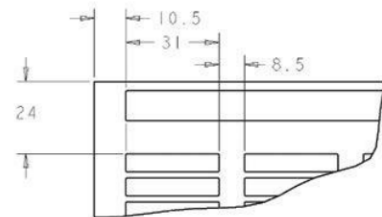
Description	Part Number
16 x data	Y-558198-X
16 x phone	Y-558199-X
16x neutral; available in -1, -6, -8 and 1- -0	Y-558821-X
4x neutral, 2x Cat. 5E, 2x Cat. 6 and 1x V1, V2, V3, V4, D1, D2, D3, D4	Y-1375092-X

Y- -X	Color
0- -1	Almond
0- -2	Red
0- -3	Green
0- -4	Blue
0- -5	Yellow
0- -6	Black
0- -7	Orange
0- -8	White
0- -9	Violet
1- -0	Gray

Printer Labels for AMP CO Installation Kits

FEATURES

- Self-adhesive A4 sheets with printer labels for AMP CO Installation Kits
- Uses standard MS Excel sheet



ORDERING INFORMATION

Description	Part Number
Labels (6 x 32 mm, 170 pcs per sheet); Packaging 10 sheets	969704-1

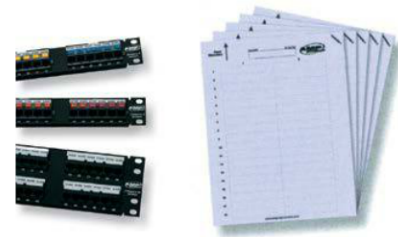
Administration & Labeling

Printer Labels

Patch Panel Labels

FEATURES

- Labels are designed to fit AMP NETCONNECT and similar patch panels
- Card stock labels are perforated and compatible with inkjet and laser printers
- Self-adhesive polyester labels are pre-cut and compatible with laser printers
- Labels are supplied on 8.5" x 11" (21,6 x 27,9 cm) sheets
- Special 0.25" (6,4 mm) high label is provided for use when icons are also desired
- For use with 110Connect and SL-style panels



ORDERING INFORMATION

Description	Part Number
Self-adhesive Polyester; Label Size (w x h): 3.10" x 0.50" (7.9 x 1.3 cm); Labels per Sheet: 36; Standard Package: 5 sheets (180 labels)	1375352-1
Self-adhesive Polyester (also for use with 110Connect Office Box, 2 Port und 4 Port); Label Size (w x h): 3.30" x 0.25" (8.4 x 0.6 cm); Labels per Sheet: 72; 5 Sheets (360 labels)	1375353-1

Labels for Cable and Cable-Assemblies

FEATURES

- Labels are designed for use on cable and cable assemblies
- Labels are pre-cut and compatible with laser printers



ORDERING INFORMATION

Description	Part Number
4-Pair Cable; Label size (w x h): 0.984" x 1.496" (2.5 x 3.8 cm); Labels per Sheet: 48; Standard Package: 5 sheets (240 labels)	1479002-1
Self-adhesive Polyester 25-Pair Cable; Label size (w x h): 0.984" x 2.480" (2.5 x 6.3 cm); Labels per Sheet: 24; Standard Package: 5 sheets (120 labels)	1479003-1

Administration & Labeling

Quick-Fit Port Labels

Port ID labels for Quick-Fit modules and cassettes

FEATURES

- Number identification of ports
- MOQ = 100 pcs

ORDERING INFORMATION

Description	Part number
Port ID label 1...6	1933140-1
Port ID label 7...12	1933140-2
Port ID label 13...18	1933140-3
Port ID label 19...24	1933140-4
Port ID label 1/2...11/12	1671415-1
Port ID label 13/14...23/24	1671415-2
Port ID label 25/26...35/36	1671415-3
Port ID label 37/38...47/48	1671415-4
Port ID label MRJ21 XG, 1-4	2153093-1
Port ID label MRJ21 XG, 5-8	2153093-2
Port ID label MRJ21 XG, 9-12	2153093-3
Port ID label MRJ21 XG, 13-16	2153093-4
Port ID label MRJ21 XG, 17-20	2153093-5
Port ID label MRJ21 XG, 21-24	2153093-6
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Port ID label MRJ21 XG, 29-32	2153093-8



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XG_A 10 Gb/s Approved

High-speed 10 Gigabit Ethernet over Twisted Pair and Fiber Optic Cabling

The AMP NETCONNECT XG Systems, comprising Cat. 6 Copper and OM3 Fiber products have become firmly established industry-leading portfolios with excellent 10 Gb/s performance.

As transmission and connectivity technologies have progressed, TE has developed products which exploit these technological advantages: our AMP NETCONNECT XG_A Systems include our Cat. 6_A Copper and OM4 Fiber portfolios to become an end-to-end 10 Gb/s infrastructure solutions. They are fully compliant with the latest ISO/IEC 11801 Amendment 2 specifications.

The **XG_A 10 Gb/s approved** seal is an indicator for all products of the XG_A family.



ISO Cat. 6_A

An augmented Category 6 specification

All products in this catalog that feature the **ISO Cat. 6_A** seal are compliant with the global cabling standard ISO/IEC 11801 Amendment 2.

This amendment defines specifications for Cat. 6_A components and Class E_A permanent links. These global Cat. 6_A / Class E_A specifications require a generation of connecting hardware offering far superior performance compared to the existing products which are based on the American TIA standard.

Benefits of this higher standard include more headroom, "mix & match" capability, enabling short links, and removing the requirement for ANEXT testing.



Ensured Performance

Optimized Physical Contact (OPC) enhances your link parameters

Why do you require a controlled ferrule end face? Enhanced services such as Gigabit, 10 Gigabit and soon 40/100 Gigabit Ethernet require a high quality cabling system. Therefore, IEC 608749 specifies the dimensional details of fiber optic connectors in order to ensure interoperability and performance within an ISO 11801 specified application. These dimensional requirements are directly related to the endface characteristics of a polished ferrule, namely its **radius, dome offset** and **fiber position**.

If these ferrule characteristics are optimal, an **Optimized Physical Contact (OPC)** between the two connectors is guaranteed. This will enhance data transmission parameters like **optical performance, Attenuation, Return Loss** and **data link stability**.

Also, the optical **interoperability** between connectors of different suppliers can be ensured by controlled endfaces. As a result of **OPC** a stable physical contact between the endfaces is achieved. This provides a very low Insertion Loss as well as a high Return Loss in order to run high speed applications like 10/40/100 Gigabit Ethernet. All products in this catalog that feature the **Ensured Performance** logo provide **OPC** at all time. AMP NETCONNECT guarantees a controlled endface for all OM3, OM4 and OS2 assemblies and field installable products (MT-RJ and LightCrimp Plus).



Universal Connectivity Platform

Rack efficiency and multiple media deployment

The Universal Connectivity Platform (UCP) is designed to deliver rack efficiency and multiple media deployment. It comprises a versatile range of components that include patch panels, subfloor panel and overhead panel mounts, pre-terminated links and adaptor modules. One common patch panel, either angled or flat, is used to accommodate both copper and fiber, and the units can be installed within or outside the 19-inch envelope. Side mounting brackets maximize usable space along the vertical posts of the rack system, while adaptive mounting brackets can be used strategically above and below the racks.

The UCP accepts pre-terminated copper assemblies, fiber cassettes and MRJ21 high density copper connectivity cassettes, for faster deployment and high reliability. It is also fully compatible with TE Connectivity's AMPTRAC managed connectivity solution.

Products which can be used inside the Universal Connectivity Platform are marked with the **UCP Compatible** seal.



RoHS Ready

Restriction on the Use of Hazardous Substances

TE Connectivity will support your RoHS requirements. We've assessed more than 1.5 million end items/components for RoHS compliance, and issued new part numbers where required in the process of eliminating the restricted materials. All part numbers in this catalog are RoHS compliant. These products comply with European Union Directive 2002/95/EC as amended 1 January 2006 that restricts the use of lead, mercury, cadmium, hexavalent chromium, PBB, and PBDE in certain electrical and electronic products sold into the EU as of 1 July 2006.

NOTE: For purposes of this catalog, included within the definition of RoHS Compliant are:

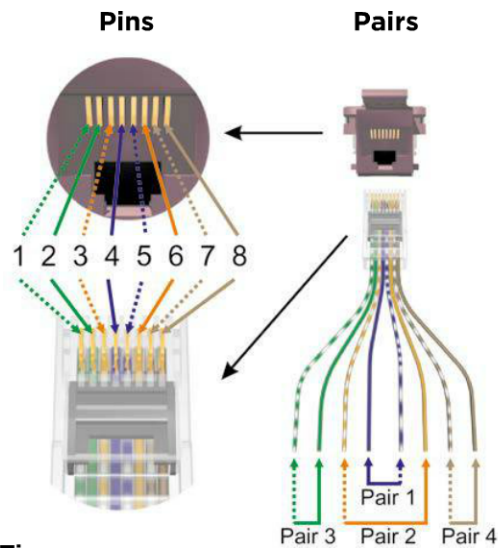
- Products that are clearly "Out of Scope" of the RoHS Directive such as hand tools and other non-electrical accessories.
- Products that contain lead in solderable interfaces (they do not contain any of the other five restricted substances above allowable limits). However, these products are covered by an application-based exception for lead in solders, such as the server, storage, or networking infrastructure exemption of the same directive.

NOTE: Information regarding RoHS compliance is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information provided by our suppliers. This information is subject to change.



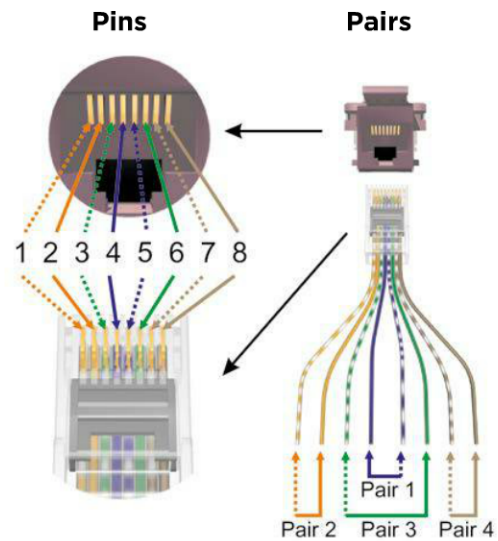
Wiring Diagrams for Modular Plugs and Jacks

T568A Wiring



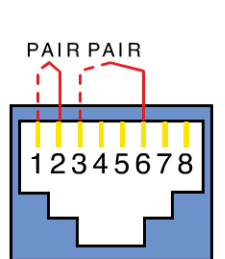
Tip
Ring _____

T568B Wiring



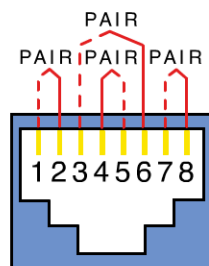
Application Wiring Diagrams for Modular Jacks

- 10Base-T
- 100Base-TX

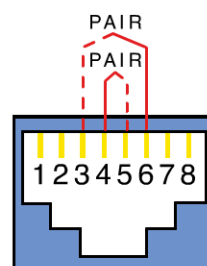


Tip
Ring _____

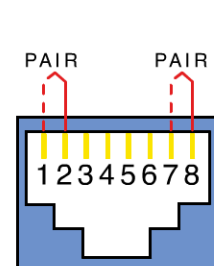
- 1000Base-T
- 10GBase-T



- Token Ring
- ISDN, xDSL



- ATM/TP-PMD
- 1000Base-TX2



Note: All of the applications listed above (as well as most other communications applications) can be implemented on both T568A and T568B jacks.

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