



AMP-TWIST SL System

The universal System for Class E up to F_A

The revolutionary termination technology for Category 6 – 7_A

The AMP-TWIST SL Jacks consists of two components and is compatible to all popular faceplate programs or other related classical RJ-45 installation environments.

The AWC (Automated Wire Cutting) technology provides the termination of all 8 wires as well the cutting of their overlengths in one operation cycle.

The automated strain relief with integrated shield clamp guarantees a high quality 360° shield contact, what ensures an excellent AlienNEXT (ANEXT) and shield performance with short installation time.

In combination with AMP NETCONNECT system cable a stable transmission of 10GBase-T signals (IEEE 802.3an) up to 100 m is guaranteed.

The AMP-TWIST SL Jacks are a vital part of the AMP NETCONNECT XG copper cabling system for 10 GBit/s.

In addition to the internal Tyco Electronics quality management system, these products are partially under control of the GHMT Premium Verification Program.

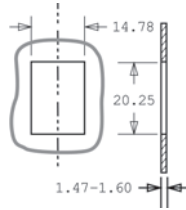
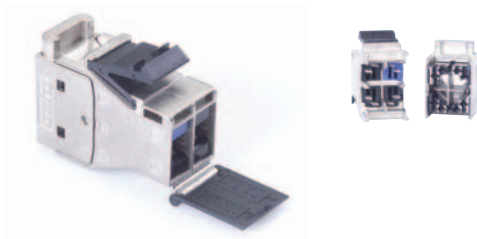
Product-Facts

- Easy, fast and reliable installation with AWC-Technology
- With or without dust cover
- Slim Line Design, re-usable
- Guaranteed 10GBase-T Performance (IEEE 802.3an) up to 100 m (RJ-45)
- System margin for future upcoming Ethernet Protocol (40GBase-T)
- Partially under control of the GHMT PVP Quality Program



Our commitment. Your advantage.

AMP-TWIST 7_AS SL Jack

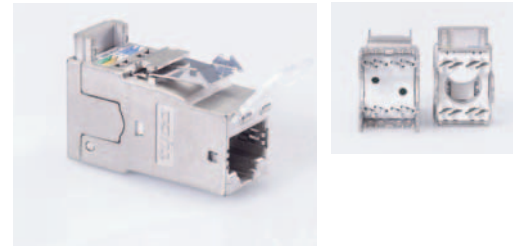


- 360° shield clamp with integrated strain relief
- Die-cast Jack available with or without dust cover
- The same tool for both jacks
- The same cutout for all SL Jacks

AMP-TWIST 7_AS SL Jack

Description	Part Number
Jack with dust cover 180° exit	0-1711441-1
Jack without dust cover 180° exit	0-1711437-1

AMP-TWIST 6S SL Jack



AMP-TWIST 6S SL Jack

Description	Part Number
Jack with dust cover 180° exit	0-1711160-1
Jack without dust cover 180° exit	0-1711342-1
Jack with dust cover 90° exit	0-1711295-1
Jack without dust cover 90° exit	0-1711343-1

SL Jack Termination Tool

The SL termination tool is applicable for the both SL Jacks. The Installation process is very simple and quick. The tool allows stripping of cable coating and PiMF foil as well. Reliable and repeatable termination with multifunctional tool, what saves time and cost.



Description	Part Number
SL Jack Tool Kit	0-1725150-3

AMP-TWIST System Cable

High-Performance Categorie 7 data cable. The individual pair shield (PiMF) and the additional braid screen ensure a perfect shield performance over the entire transmission range.

Excellent cable for EMI critical environment and suppression of Alien NEXT is achieved through high coupling attenuation.

The highly pure electrolytic copper (99.9%) of conductors provides a low attenuation.

The low-skew construction improves the transmission of Gigabit Ethernet and 10 Gigabit Ethernet signals. In combination with the low skew termination hardware the system provides an excellent performance for these protocols.

It exceeds all requirements of Class D, E, E_A, F and F_A according to ISO/IEC 11801 and EN 50173-1.

The transmission of Multimedia and TV signals in combination with the AMP-TWIST 7_AS SL Jack is guaranteed regarding all important transmission parameters.

It fulfills all EMI and EMC requirements according to EN 55022 / EN 55024.

For transmission of analog and digital telephony, ISDN, Ethernet (10/100/1000Base-T), 10 Gigabit Ethernet, Token Ring (4/16 MBit/s), TP DDI, ATM (155 MBit/s).



Band width	AWG	Cable Type S/FTP	OD	Packaging	Part Number
1200 MHz	22	Simplex	8,1 mm	1000 m/Reel	0-1499101-1
1200 MHz	22	Duplex	8,1 x 16,5 mm	500 m/Reel	0-1711003-1
1200 MHz	23	Simplex	7,9 mm	1000 m/Reel	0-1499102-1
1200 MHz	23	Duplex	7,9 x 16,0 mm	500 m/Reel	0-1711004-1
600 MHz	23	Simplex	7,3 mm	1000 m/Reel	0-0057893-1
600 MHz	23	Duplex	7,6 x 16,0 mm	500 m/Reel	0-1711005-1

AMP Hi-D Cable Management

The AMP Hi-D System is a comprehensive solution to simplify patch cord management. The combination of angled, recessed patch panels and pass through ducts provide optimal bend radii. 2U or 6U variants of cable managers allow selective placement in 19" 800 mm racks. The normal dead rack space will be usable for cable overlength management.



AMP Hi-D Vertical Cable Managers

Description	U	Part Number
Cable managers (right and left)	2	0-1671132-2
Cable managers (right and left)	6	0-1671132-6

AMP Hi-D Horizontal Pass Through Duct

Description	Part Number
2U pass through duct	1-1671080-2



Patch Panels

These 19" unloaded 1 U modular patch panels hold 24 AMP-TWIST SL Jacks. They are available in AMP Hi-D style (angled/recessed, for optimum cable routing) as well as with or without AMPTRAC functionality.

AMP Hi-D modular STP patch panels

Description	U	Part Number
Unloaded panel without cable managers (Hi-D)	1	1-1671157-2
Unloaded panel with cable managers (Hi-D ^{XT})	1	1-1671158-2

24 port modular SL patch panels (AMP Hi-D compatible)

Description	Color	U	Part Number
AMPTRAC ready panel	black	1	0-1711278-2
Classic panel (without AMPTRAC)	black	1	0-0336526-1



Outlets

Universal DIN 3-port angled outlet for all AMP-TWIST SL Jacks

Faceplate 50 x 50 mm	Part Number
almond	0-0336613-1
pure white	2-0336613-1

Faceplate 50 x 50 & frame 80 x 80	Part Number
almond	0-0336614-1
pure white	2-0336614-1



Design 3-port flushmount angled outlet for AMP-TWIST SL Jacks without dust cover for integration in various outlet programs. Integrated FASTON termination for optional equipotential bonding.

Faceplate 50 x 50 mm	Part Number
almond	0-1711537-1
pure white	0-1711537-2
mounting frame only (UPO)	0-1711490-1



Applicable Part Numbers

Outlets (continued)

Lockable IP 44 Outlet (2 keys), spray water proof, robust and ball-safe wallmount housing (acc. DIN 18032)



Description	Part Number
incl. 2 AMP-TWIST 6S SL Jacks	0-1711474-1



DIN Standard Outlet with spring loaded shutter for all AMP-TWIST SL Jacks without dust cover

Faceplate 70 x 70 mm	Part Number
almond	0-0966223-1
pure white	2-0966224-1
adequated frame 80 x 80 mm	Part Number
almond	0-0964830-1
pure white	2-0964830-1



Patch Cable



AMP-TWIST 7AS Patch Cable, white, LSZH

Description	Cable	Pairs	Service	act. pins	Part Number
2x AMP-TWIST 7AS	PIMF	4pairs	any	all	Y-1711637-X
AMP-TWIST 7AS / RJ-45	PIMF	4pairs	any	all	Y-0336488-X
AMP-TWIST 7AS / RJ-45	shielded	2pairs	Ethernet	12, 36	Y-1711613-X
AMP-TWIST 7AS / RJ-45	shielded	2pairs	TR/ISDN	36, 45	Y-1711618-X
AMP-TWIST 7AS / RJ-11	-	1pair	Phone	45	Y-1711623-X
AMP-TWIST 7AS / Coax	shielded	1pair	CATV 75 Ohm	incl. Balun	Y-1711659-X



AMP-TWIST 6S Patch Cable RJ-45 / RJ-45

Color	Cable construction		
	PiMF (Cat6/Cl. E)	F/UTP (Cat5e/Cl. D)	SF/UTP (Cat5e/Cl. D)
white	Y-0959385-X	Y-1644077-X	A-0346925-B
blue	Y-1711079-X	Y-0959308-X	Y-0959239-X
grey	Y-1711076-X	Y-0959305-X	Y-0959236-X
yellow	Y-1711078-X	Y-0959307-X	Y-0959238-X
green	Y-1711077-X	Y-0959306-X	Y-0959237-X

Y- -X	length
0- -1	1,0 m
0- -2	2,0 m
0- -3	3,0 m
0- -5	5,0 m
1- -0	10,0 m

Other lengths on request!

A- -B	length
0- -5	1,0 m
0- -6	2,0 m
0- -7	3,0 m
0- -8	5,0 m
1- -1	10,0 m

Other lengths on request!

Accessories

Mounting Frame Floor Boxes

Description	Part Number
6 Port chrome	0-1711255-3
9 Port chrome	0-1711255-4



Description	Part Number
DIN rail kit incl. 1 AMP-TWIST 6S SL Jack	0-1711501-1
Dust cover in black* (50 pcs. package)	1-1711511-2

*other colors on request



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1308776-3-5M-o2e-09/08

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