

AMP-TWIST SL Jacks

World Class Shielded Connector
Technology for Cat.6/6A and Cat. 7/7A



Outstanding Performance

AMP-TWIST 7AS is ready for 40 Gigabit Ethernet
AMP-TWIST 6AS complies with the upcoming ISO/IEC 11801 Cat6A



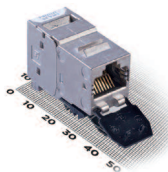
Quick Termination

Less than 1 min. for AMP-TWIST 6S & 6AS
Less than 1.5 min. for AMP-TWIST 7AS



Only One Tool

For all jacks, for all termination steps



Shortest Connectors

Shortest Cat. 6A and Cat. 7A connectors
on the market



3rd Party Certified

Tested by independent test lab



25 Year Warranty

AMP NETCONNECT guarantees
system performance for 25 years



AMP-TWIST SL Jacks – Feature & Performance Overview

	AMP-TWIST 6S	AMP-TWIST 6AS	AMP-TWIST 7AS
 Automatic Screen Termination (Toolless)	✓	✓	✓
 360° Screen Contact	✓	✓	✓
 Automatic Wire Cutting (AWC)	✓	✓	✓
 Strain Relief by Design	✓	✓	✓
 Reusable	✓	✓	✓
 Termination Time	< 1 min	< 1 min	< 1.5 min
 Length	37.0 mm	32.0 mm	36.5 mm
 Integrated Dust Cover	✓	✓	✓

AMP-TWIST SL Jacks – Performance

	AMP-TWIST 6S	AMP-TWIST 6AS	AMP-TWIST 7AS
ISO 11801 2 nd Ed. 2002, Cat. 6 component	✓	✓	✓
EN 50173: 2002, Cat. 6 component	✓	✓	✓
TIA 568-B.2.1, Cat. 6 component	✓	✓	✓
ISO 11801 2 nd Ed., Draft Amd. 2, Cat. 6 _A component	✗	✓	✓
EN 50173, Draft Amd. 2, Cat. 6 _A component	✗	✓	✓
TIA 568-B.2.10, Cat. 6 _A component	✗	✓	✓
ISO 11801 2 nd Ed. 2002, Cat. 7 component	N.A.	N.A.	✓
EN 50173: 2002, Cat. 7 component	N.A.	N.A.	✓
ISO 11801 2 nd Ed., Draft Amd. 2, Cat. 7 _A component	N.A.	N.A.	✓
EN 50173, Draft Amd. 2, Cat. 7 _A component	N.A.	N.A.	✓

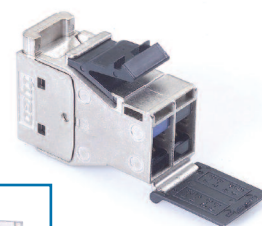
AMP-TWIST 7_AS SL Jack

Product Facts:

- 4 chamber connector, fully compatible with IEC 61076-3-104 Ed. 2, 1000 MHz
- Category 7_A as per ISO/IEC 11801 draft amendment 2
- Quick Termination (< 1.5 minutes) using Tyco Electronics' AWC technology
- Detailed features are listed in the technical overview on page 2

Description	Part Number
Cat. 7 _A die-cast Jack with dust cover, 180° cable exit	0-1711441-1
Cat. 7 _A die-cast Jack without dust cover, 180° cable exit	0-1711437-1
Colored dust cover (bag of 50 pieces)	1-1711481-X

-X	Color
-6	blue
-7	red
-8	yellow
-9	green



AMP-TWIST 6_AS SL Jack

Product Facts:

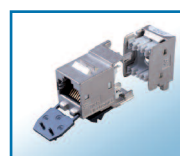
- Category 6_A as per ISO/IEC 11801 draft amendment 2
- Quick Termination (< 1 minute) using Tyco Electronics' AWC technology
- Detailed features are listed in the technical overview on page 2



Description	Part Number
Cat. 6 _A die-cast Jack with dust cover, 180° cable exit	0-1711592-1
Cat. 6 _A die-cast Jack without dust cover, 180° cable exit	0-1711716-1
Colored dust cover (bag of 50 pieces)	1-1711691-X

-X	Color
-6	blue
-7	red
-8	green
-9	yellow

Other colors on request!



AMP-TWIST 6S SL Jack

Product Facts:

- Category 6 as per ISO/IEC 11801
- Class E_A as per ISO/IEC 11801 draft amendment 1
- Quick Termination (< 1 minute) using Tyco Electronics' AWC technology
- Detailed features are listed in the technical overview on page 2



Description	Part Number
Cat. 6 die-cast Jack with dust cover, 180° cable exit	0-1711160-1
Cat. 6 die-cast Jack without dust cover, 180° cable exit	0-1711342-1
Cat. 6 die-cast Jack with dust cover, 90° cable exit	0-1711295-1
Cat. 6 die-cast Jack without dust cover, 90° cable exit	0-1711343-1
DIN Rail Adaptor Kit incl. 1 Jack (with dust cover, 180° exit) and 2 cable ties	0-1711501-1
DIN Rail adapter covers (left and right)	0-1711658-2
Colored dust cover (bag of 50 pieces)	1-1711511-X

-X	Color
-6	blue
-7	red
-8	green
-9	yellow

Other colors on request!



Field Termination Tool for AMP-TWIST SL Jacks

Product Facts:

- Strips cable, marks foil and terminates
- Maintains twisted pair integrity
- Ensures reliable and reproduceable termination quality
- Time and cost saving

Description	Part Number
Tool Kit for AMP-TWIST SL Jacks	0-1725150-3

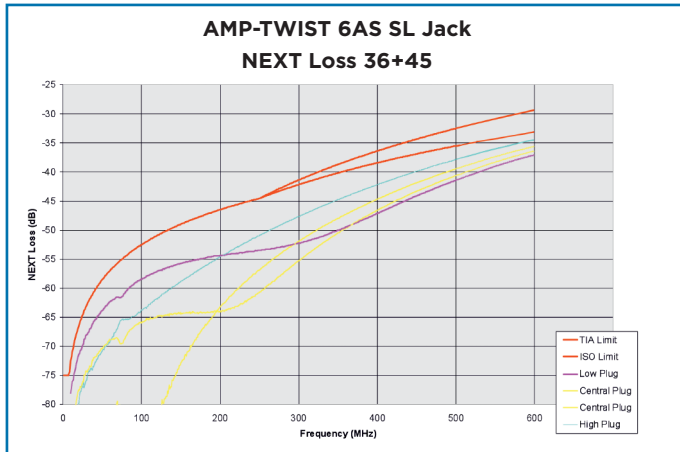


AMP NETCONNECT – Leading Connector Technology

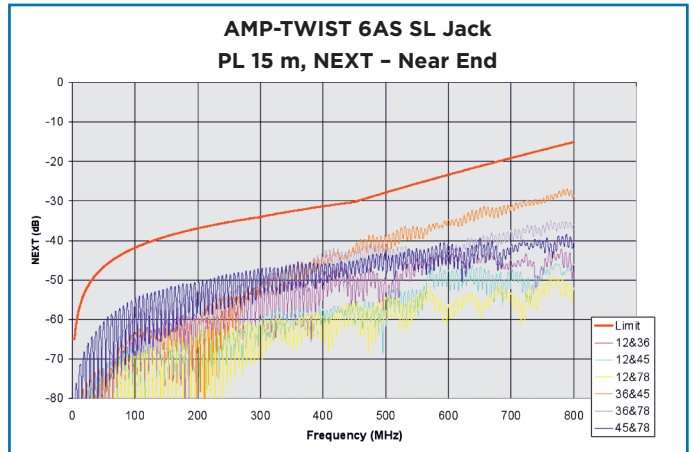
AMP-TWIST 6_{AS}:

A 600 MHz RJ45 gives an 800 MHz Permanent Link

The new AMP-TWIST 6_{AS} from Tyco Electronics combines quick & easy termination with superior performance. AMP-TWIST 6_{AS} is the next generation RJ45 connecting hardware and is fully compliant with the newest component specification of the upcoming ISO 11801 Amendment 2 (validation expected by end of 2009). And it even gives much more than that. Tyco Electronics' engineers have achieved a technology jump which pushes the "physical limitation" of an RJ45 connector to much higher frequency performance, exceeding the ISO standard specification by far.



AMP-TWIST 6_{AS} connector performance up to 600 MHz

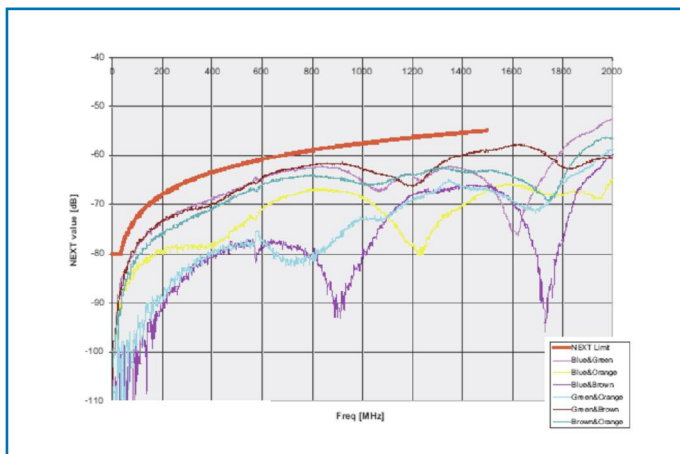


AMP NETCONNECT XG_A System permanent link performance up to 800 MHz using AMP-TWIST 6_{AS} SL Jack

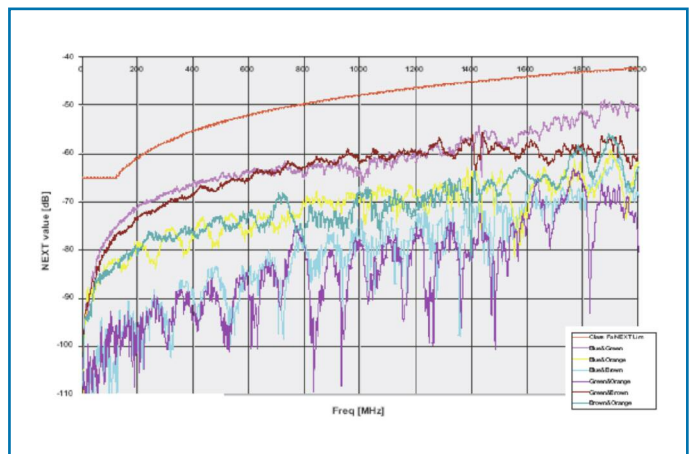
AMP-TWIST 7_{AS}:

A 1500 MHz Cat. 7_A connector is ready for 40 Gb/s and more

The AMP-TWIST 7_{AS} is a high performance Cat. 7_A connector in accordance with IEC 61076-3-104 Ed. 2. The 4-chamber concept of AMP-TWIST 7_{AS} has been optimized to reach a 50% better component performance and 100% better system performance as currently specified in the international cabling standards for a Cat. 7_A connector and a Class F_A system respectively. Independent fundamental technology research has proved that a Class F_A system performance is capable of running possible future 40 Gb/s applications. AMP-TWIST 7_{AS} with its huge headroom means future proofing.



AMP-TWIST 7_{AS} connector performance up to 1500 MHz



AMP NETCONNECT Class F_A permanent link performance up to 2000 MHz using AMP-TWIST 7_{AS} SL Jack

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