



XG Category 6A System

Performance for Next Generation Applications

At Tyco Electronics, we've known for years that shielded cabling offers superior noise immunity at higher frequencies where applications like 10 gigabit Ethernet reside, without hampering performance. That's why shielded technology is the only copper technology with proposals for supporting next-generation applications beyond 10 gig.

Through advancements in connector technology and system design, the AMP NETCONNECT XG Category 6A shielded solution now offers easier 10-gig installation without the restrictions of unshielded cabling. For starters, our XG Category 6A solution allows you to mix cabling with other types of copper media and neatly arrange cabling bundles without worrying about performance. Plus, there's no need for time-consuming Alien Crosstalk testing. And you get the easiest terminating shielded jack on the market, which means your 10-gig networks can be up and running faster than ever.



Our commitment. Your advantage.

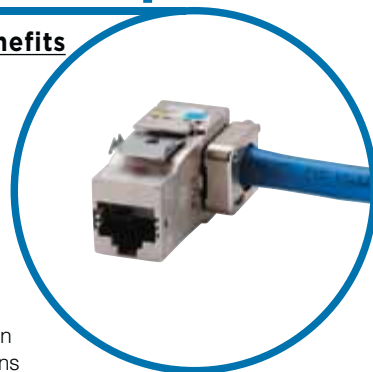
XG Category 6A Advanced Shielded Components

Backed by a 25-year performance warranty, the AMP NETCONNECT XG shielded cabling solution features modular jacks, patch panels and shielded cable and assemblies that offer superior performance and cost advantages over unshielded solutions. Our fully-compliant XG solution offers fast, easy deployment with bonding and grounding that occurs naturally through normal installation practices.

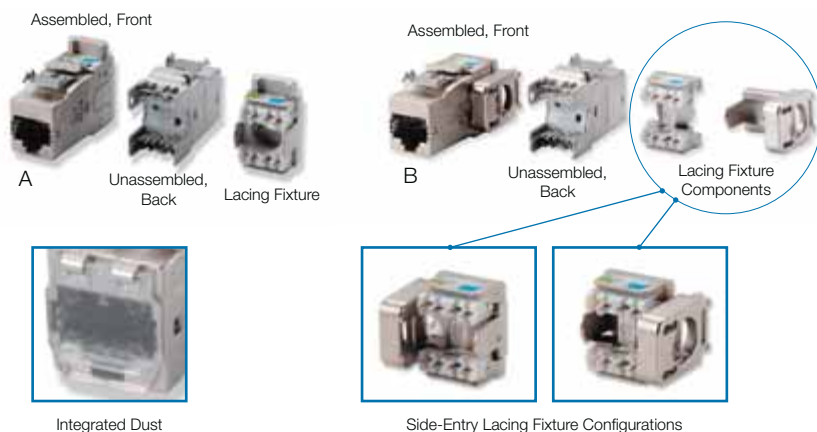
With superior noise immunity to eliminate Alien Crosstalk and RFI/EMI, the AMP NETCONNECT XG Category 6A shielded system offers performance above 500 MHz, with plenty of margin needed for advanced 10 gigabit transmission and future applications.

System Features and Benefits

- Exceeds ANSI/TIA 568-C.2 Category 6A
- Meets IEEE 802.3an 10GBASE-T and ISO/IEC 11801 Class EA on 100m channels
- Superior noise immunity for superior performance and headroom
- Better heat dissipation for power over Ethernet
- Faster, more familiar installation
- Consistent, precise terminations
- Fastest termination time in the industry
- Enhanced cable management and density
- Automatic bonding and grounding design



XG Category 6A AMP-TWIST Shielded Modular Jacks



Component Features

- Termination time of about 90 seconds using AMP NETCONNECT SL Series Termination Tool
- Integrated cutting blades eliminate need for manually trimming conductors
- Integrated dust cover option
- Rugged and reusable
- Slim profile for superior density
- Automatic bonding and grounding
- T568A or T568B wiring
- RoHS compliant
- Fully integrated shield

Cable Entry	Dust Cover	Figure	Part Number
Rear (180°) Cable Entry	Integrated		1711160-2
	Without	A	1711134-2
Side (90°) Cable Entry*	Integrated		1711295-2
	Without	B	1711343-2

*Side entry jacks not for use with patch panels

XG Category 6A Shielded Patch Panels



Component Features

- Easy installation using AMP-TWIST modular jacks
- Available unloaded with jacks bagged separately for installation and replacement
- Integrated labeling feature with label covers
- Accommodates icons
- Integrated bonding bar requires no extra steps
- Available in straight or angled versions for improved density and cable management
- AMPTRAC ready version available for intelligent cable management

Port Count	Footprint	Figure	Standard (Non-AMPTRAC)	AMPTRAC Ready
24-Port	Standard	A	1933319-2	1933331-1
	Angled	B	1933321-2	1933333-1
48-Port	Standard	C	1933320-2	1933332-1
	Angled	D	1933322-2	1933334-1

XG Category 6A Advanced Shielded Components

XG Category 6A F/UTP Shielded Cable



Pair Count	Packaging	UL/NEC Rating	White	Gray	Blue	Yellow
4-Pair	1000 ft [304.8 m]	CMR	4-1499389-1	4-1499389-3	4-1499389-5	4-1499389-7
	Wooden Reel	CMP	4-1499416-1	4-1499416-3	4-1499416-5	4-1499416-7

Component Features

- Third-party independently tested by Intertek ETL SEMKO
- 23 AWG solid conductors
- Lead-free (no heavy metals)
- Fully integrated shield
- Rugged foil shield for error-free installation

XG Category 6A F/UTP Shielded Patch Cable Assemblies

Length ft [m]	White	Gray	Blue	Yellow	Black
2 [0.61]	1499480-2	1499825-2	1499826-2	1499827-2	1499828-2
3 [0.91]	1499480-3	1499825-3	1499826-3	1499827-3	1499828-3
4 [1.22]	1499480-4	1499825-4	1499826-4	1499827-4	1499828-4
5 [1.52]	1499480-5	1499825-5	1499826-5	1499827-5	1499828-5
6 [1.83]	1499480-6	1499825-6	1499826-6	1499827-6	1499828-6
7 [2.13]	1499480-7	1499825-7	1499826-7	1499827-7	1499828-7
8 [2.44]	1499480-8	1499825-8	1499826-8	1499827-8	1499828-8
9 [2.74]	1499480-9	1499825-9	1499826-9	1499827-9	1499828-9
10 [3.04]	1-1499480-0	1-1499825-0	1-1499826-0	1-1499827-0	1-1499828-0
12 [3.66]	1-1499480-2	1-1499825-2	1-1499826-2	1-1499827-2	1-1499828-2
14 [4.27]	1-1499480-4	1-1499825-4	1-1499826-4	1-1499827-4	1-1499828-4
15 [4.57]	1-1499480-5	1-1499825-5	1-1499826-5	1-1499827-5	1-1499828-5
16 [4.88]	1-1499480-6	1-1499825-6	1-1499826-6	1-1499827-6	1-1499828-6
20 [6.10]	2-1499480-0	2-1499825-0	2-1499826-0	2-1499827-0	2-1499828-0
25 [7.62]	2-1499480-5	2-1499825-5	2-1499826-5	2-1499827-5	2-1499828-5
30 [9.14]	3-1499480-0	3-1499825-0	3-1499826-0	3-1499827-0	3-1499828-0
40 [12.19]	4-1499480-0	4-1499825-0	4-1499826-0	4-1499827-0	4-1499828-0
50 [15.24]	5-1499480-0	5-1499825-0	5-1499826-0	5-1499827-0	5-1499828-0

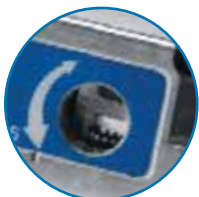


Component Features

- Non-plenum CMR rated
- 4-pair stranded F/UTP 26 AWG conductors
- Snagless boots
- T568A or T568B wiring
- Lead-free (no heavy metals)
- Also available in green, red, orange and violet

SL Series Termination Tool

Description	Part Number
Tool with Lacing Fixture	1725150-1
Tool without Lacing Fixture	1725150-3
Replacement Lacing Fixture	1673956-1



Cable Jacket Stripper



Included Carrying Case



Lacing Fixture

Tool

Component Features

- Faster, more consistent termination technology
- Terminates and cuts all 8 conductors at once
- Allows for 90-second termination
- Lacing fixture not required for AMP-TWIST Category 6A shielded modular jacks
- Also works with other AMP NETCONNECT connectivity



Our commitment. Your advantage.

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