

SYSTIMAX GIGASHIELD™ X10D SOLUTION FREQUENTLY ASKED QUESTIONS

Q. Why launch a new shielded Category 6A solution? Why now?

When it comes to our copper portfolio, the SYSTIMAX brand is best known for our unshielded twisted-pair technologies. Many of our customers, however, prefer to use shielded copper solutions—or they work in high-security environments that require it. In our ongoing conversations with them, they mentioned that existing shielded Cat 6A solutions do not adequately address several important requirements, including:

- Better EMI / RF rejection
- Warranted channel performance
- More design flexibility
- Ease of use and deployment speed
- Optional network intelligence integrations
- One platform that satisfies most, if not all, shielded Cat 6A application requirements.

These needs are driven, in large part, by the rapid rise of the hyperconnected enterprise and the transition to industry 4.0/5.0. As more data-intensive devices and systems are deployed across the facility, the network's copper access layer is being pushed to provide more of everything. The new SYSTIMAX GigaSHIELD X10D Cat 6A platform is designed to answer these and other custom needs.

Q. Which category cabling does the new GigaSHIELD X10D solution support?

The GigaSHIELD X10D solution meets the performance requirements of Category 6A and ClassE_A.

Q. What are the main components of the GigaSHIELD X10D solution?

The GigaSHIELD X10D portfolio includes F/UTP, F/FTP and S/FTP Cat 6A indoor/outdoor cabling, easy-to-handle MiNo patch cords, and new, compact M-series jacks with matching faceplates. New GigaSHIELD panels come with all the necessary MGS600S jacks included in the package (unless otherwise specified) and support SYSTIMAX InstaPATCH[®] preterminated connectivity as well as VisiPORT[™] and imVision[®] automated network intelligence. All components are designed to work together—providing a single, end-to-end solution for most, if not all, Cat 6A shielded applications.

Q. Why would customers choose GigaSHIELD X10D over other existing shielded 6A solutions?

- Designed for optimal channel performance and EMI / RF rejection
- Fast, easy and accurate deployment with new MGS600S jack and universal termination tool
- Ability to integrate with VisiPORT and imVision automated infrastructure intelligence
- InstaPATCH preterminated assemblies install up to 8X faster than traditional methods
- One platform supports most indoor/outdoor Cat 6A shielded applications
- Only Cat 6A shielded solution supported and warranted by SYSTIMAX Assurance[™]
- More sustainable: fewer components, eco-friendly packaging and longer product life cycle
- Globally available with local fire ratings

Q. How does the GigaSHIELD X10D solution performance compare to other shielded Cat 6A solutions?

The GigaSHIELD X10D solution is designed and tested to deliver exceptional Cat 6A channel performance and optimal EMI / RF rejection. For more information, we invite you to review the performance specifications.

Q. Is there third-party verification of performance specifications?

Third-party performance test reports for the GigaSHIELD X10D channels with MGS600S jacks will be available upon release.

Q. Will the GigaSHIELD X10D platform be sold exclusively under the SYSTIMAX portfolio?

Yes

Q. Will GigaSHIELD X10D replace the current GigaSPEED[®] X10D shielded portfolio?

Yes

SYSTIMAX SHIELDED SOLUTION FREQUENTLY ASKED QUESTIONS

Q. How does the new MGS600S jack differ from the existing SYSTIMAX HGS620 shielded Cat 6A jack?

The MGS600S is a completely new design, featuring a compact M-series footprint and superior performance. Installation is fast, easy and consistent using the new universal termination tool.

Q. Is GigaSHIELD X10D compatible with VisiPORT and imVision solutions?

Yes. All GigaSHIELD X10D panels are field-upgradeable; so, you can easily add VisiPORT sensors, LEDs and buttons when you're ready. This enables easy integration with our imVision shielded automated infrastructure management solution or VisiPORT standalone shielded port monitoring solution.

Q. What kind of warranty will be applicable for the GigaSHIELD X10D solution?

As part of the larger SYSTIMAX portfolio, the new shielded platform is covered by SYSTIMAX 25-year Application Assurance, while GigaSHIELD X10D customers are eligible for all the additional services and support provided by SYSTIMAX Assurance. These include design support, technical training, online tools, 24/7 live tech support, project installation site surveys and more.

Q. Is the MGS600S jack available only as a Cat 6A solution?

Yes.

Q. Are the MGS600S jacks available in different colors?

Yes, the MGS600S is available in multiple colors to match the color palette of our faceplates and surface-mounted boxes and to satisfy customer-specific requirements.

Q. Do MGS600S jacks need to be installed on both the panel and outlet end?

No. Individual MGS600S jacks only need to be installed at the outlets. Unless otherwise requested, panels are shipped with the MGS600S jacks included in the packaging.

Q. What termination tool is required to install MGS600S jacks?

A new universal termination tool is used to install the MGS600S jacks at the outlet (and panel, if needed).

Q. Why are black MGS600S jacks included with GigaSHIELD X10D panels?

The black jacks ensure color compatibility with imVision.

Q. Which faceplates and/or surface-mounted boxes can be used with MGS600S jacks?

All M-series and universal-opening faceplates and surface-mounted boxes (except LF80) will accept MGS600S jacks.

Q. How sustainable is the GigaSHIELD X10D platform?

Jacks, panels, cords, faceplates and surface-mounted boxes are available with eco-friendly packaging that uses little to no single-use plastics. A streamlined, modular design reduces the number of SKUs, lowering the environmental impacts to produce, distribute and support additional components. Leveraging the insights of imVision or VisiPORT can result in significant energy savings.

Q. Which InstaPATCH configurations are available?

Any cable assembly terminated with the new MGS600S jacks, at one or both ends, can be combined with shielded InstaPATCH panels.

Q. When will the GigaSHIELD X10D solution be available?

GigaSHIELD X10D will launch fourth quarter of 2024 and is targeted for global availability in first quarter 2025.