

Family:
Cabling CAT 6A

Tech Tip 12

Why would you select a modern CAT 6A 10G Structured Cabling System by LanPro?

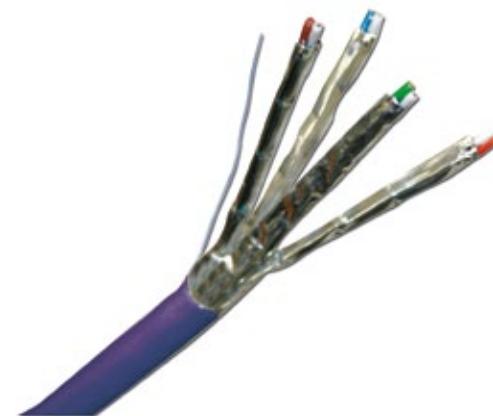
The shielded CAT 6A 10G structured cabling system by LanPro offers benefits unmatched by traditional low cost brands. In fact, LanPro is one of the few brands that have an End-to-End solution on fully certified shielded systems.

Some benefits are:

- **Shielded in a per-pair basis**

CAT 6A cable:

It is not a traditional generic shielding of one layer. Our CAT 6A cable has 4 shields, one for each copper pair. In this way you eliminate a major problem with CAT 6A cables which is the pair-pair interference. Traditional brands have tried to solve this by using a single layer of shielding over all the wires, which is insufficient in many of the scenarios. Uses 100% pure copper AWG23 wire (which has better conduction than AWG24 of some brands). Complies with the IEEE 802.3af and IEEE802.3at PoE standards.



Grounding: 100% copper covered with electrolytic tin along the entire cable. This wire not only ensures continuity of ground along the full cable length but makes grounding simpler to connect to the different elements like patch panels, couplers , jacks, etc.

You simply concentrate in the drain wire and Presto!

- **Patch Panels CAT 6A:**

Shielded and closed, highly visible grounding hardware and easy to open without screwdrivers. Our Patch Panels are very easy to terminate with a punch tool, and have dual metallic fasteners for the incoming cables, avoiding the mechanical torque effect on the patch panel. Excellent manufacture and Certifications.



Used globally by many government institutions and Oil companies.

Link to assembly video example:

https://www.youtube.com/watch?v=vq9u_PpMrvc



- **Patch Cords CAT 6A:**

100% stranded copper wires cable, with a CMX rated jacket, shielded end-to-end. Low profile boots and latch lets avoids damaging the other neighboring patch cords, a failure common to low quality patch cords. All the contacts are active. A gold plated of 50 micro-inches over the contact zone warrant a 1000 re-insertions possible without failure. (Did you know that many famous brands buy their shielded patch cords from us?, the use ours in a O.E.M. basis with their names printed on them).



- **UL® Certified Faceplates:**

Please check the back of our faceplates and see the valid and updated registry number assigned to LanPro by UL® in the United States. Most of the China made faceplates are "Generic" and don't comply with the UL® flammability and safety. Some installations like Health Institutions do need ALL the components are UL, ETL or DELTA certified. Our faceplates are made of Nylon, unbreakable , flexible and don't change their color in presence of UV lights and are UL® Certified.



And last but not least, the CAT 6A LanPro System is in fact a pre-CAT 7, and will be updated as CAT 7 in the year 2016.

Please don't hesitate to call to our authorized distributor in case of requiring information.