



WIRE AND CABLE

# Registered Communications Distribution Designers (RCDDs), Network Cabling System Designers and Distributors

## UL Performance Certification and Testing Services

*Differentiate your cabling solutions in the marketplace and ensure product integrity and quality.*

### Performance Certification

UL Certified telecommunications cabling products have undergone evaluation for compliance to applicable UL safety standards and bear the UL holographic safety security label. These products are also subject to Follow-Up Service (FUS) testing, both on-site at the manufacturer and through market surveillance to verify continued compliance.

The data transmission performance of these products is equally important to system designers and distributors and cannot be overstated, especially in today's high speed, bandwidth hungry applications that are often used in educational, financial, medical, security and military institutions, and many more.

Today's marketplace offers system designers and distributors an endless variety of cabling solutions, self-declared transmission performance claims and counterfeit products. As a system designer or distributor you can protect your interests, as well as those of your customers' and assure that you're specifying the right performance solution by purchasing UL Performance Certified products.

When purchasing cabling solutions, ask your suppliers if their cable, channels and/or permanent link products have been independently verified under one of UL's Performance Certification Programs:

- ANSI/TIA 568-C.2 (up to Category 6A)
- ISO/IEC 11801 (up to Category 7A)
- Balunless testing to the latest TIA specifications for Category 8 cabling
- NEMA WC 66 & 63.1
- BS EN 50173-1
- IEC 62153-4-5 for coupling attenuation and screening attenuation
- IEC 62153-4-3 for surface transfer impedance
- Custom/proprietary specification testing for twisted pair cable, channel and permanent links
- Bit Error Rate testing for 100 BaseT, 1G BaseT and 10G BaseT protocols
- EMC, and environmental testing of twisted pair cable, channel and permanent link

### Program Benefits

- Transmission performance testing technical expertise
- Global Mark acceptance and recognition
- Comprehensive Mark Integrity Program
- Ongoing compliance testing
- Market surveillance testing
- UL Performance Certified holographic security labeling
- Globally recognized anti-counterfeiting program

### Testing Services

UL offers two types of testing services for participating manufacturers: Letter Report and Performance Certification. Our **Letter Report** service consists of a one-time detailed test report of our findings for the product submitted for test. The **Performance Certification** program provides a detailed test report which, upon successful completion of qualification testing, authorizes the ongoing use of the UL Verification Mark. This program also includes ongoing Follow-Up Service testing, through on-site inspections and market surveillance.

### Anti-Counterfeiting

UL protects the integrity of its Performance Certification Mark and provides consistency among the industry through our established and globally recognized Anti-Counterfeiting Program to ensure that the mark is only applied to authorized products.

As a system designer or distributor it is important to be able to differentiate self-declared transmission performance claims from those that have been independently verified through UL testing. Requiring your suppliers to provide evidence of Performance Certification through UL will provide assurance and enhance the integrity of your products. Suppliers who participate in UL's Performance Certification Program deliver products that bear the holographic security label, ensuring quality in Safety and Performance.

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