



WIRE AND CABLE

Local Area Network (LAN) Performance Testing

UL Performance Certification Services for Cable, Channel and Permanent Link Performance

The importance of data transmission performance testing cannot be overstated in today's high speed, bandwidth hungry applications found in educational, financial, medical, security and military institutions, and many more.

Know the data transmission rate of your product with UL Performance Certification testing services. Our LAN testing services evaluate the performance of cable, channel and permanent link configurations for their ability to transmit data over specified bandwidths.

Performance Certification

UL offers LAN performance testing for cable, channel and permanent link products to national and international standards as shown below:

- 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
- NEMA WC 63.1
- BS EN 50173-1
- IEC 62153-4-5 for Coupling Attenuation & Screening Attenuation
- IEC 62153-4-3 for Surface Transfer Impedance

Specialized Test Services

- Custom/proprietary specification testing for twisted pair cable, channel and permanent link
- EMC & environmental testing of twisted pair cable, channel and permanent links
- Bit Error Rate testing for 100 BaseT, 1G BaseT and 10G BaseT protocols

Benefits of Performance Testing

- Online Certifications Directory listing
- Comprehensive Mark Integrity Program
- Technical expertise and guidance
- Global Mark acceptance and recognition
- Flexible qualification testing options
- Flexible Follow-Up Service testing options
- Rigorous Mark Integrity and Anti-Counterfeiting Program

Today's marketplace offers end-users a limitless variety of cabling solutions and transmission performance claims. As a manufacturer, you can differentiate your product from others in the industry through third-party testing from UL. UL offers two types of testing services: Letter Report and Performance Certification.

Under our **Letter Report** service, we issue a one-time detailed test report of our findings for the product submitted for testing. With our **Performance Certification** program, UL provides a detailed test report and authorizes the ongoing use of the Verification Mark upon successful completion of qualification testing. This program also includes ongoing Follow-Up Service testing, both onsite at the manufacturer and through market surveillance. Participating manufacturers have the ability to show their customers the high level of compliance testing their products undergo with UL.

UL protects the integrity of its 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.

For additional information, please contact Mr. Robert Bellasai via phone at 631.546.2871 or email at Robert.W.Bellasai@ul.com.