

Testing Laboratory - Cable expertise

Let us ensure the conformity of your cables...



DESCRIPTION

When turning on the light, using internet or starting your car, you might think that everything simply works by magic. We all know that many cables and wires contribute to this, but it is very easy to forget about it. Things operate well most of the time but in case of cable defaults, it can cause safety hazards and deteriorate equipment performance. More than just compliance with standards, electrical safety and performance testing is designed to protect people and the environment in which it will be used.

Reliable verification of electrical parameters requires the use of accurate and calibrated instruments. As a recognized manufacturer and leader in cable metrology, AESA develops and manufactures appropriate testing equipment. Additionally, AESA operates an ISO 17025 accredited laboratory. As such, you can rely on AESA to outsource your electrical test and measurement of your cables. .

KEY FEATURES

- You should only test occasionally
 - no need to invest in high-performance equipment
 - extend capabilities for tests that are seldom performed
- You have to present a certificate
 - AESA owns an ISO 17025 accredited laboratory and deliver test certificates
- You cannot or do not want to test by yourself
 - outsourcing can be an effective and economical solution
- You want to check before investing
 - compare measurements made with your own equipment
 - assess the performance and reporting of new equipment



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TECHNICAL SPECIFICATIONS

Measured parameters	<ul style="list-style-type: none"> Standards parameters (see below) Specific parameters on demand
Location	<ul style="list-style-type: none"> At AESA premises (samples to be sent to AESA)
Various	<ul style="list-style-type: none"> Customer can attend the tests Official certificate delivered at the end
Article No	81.0001.0002.0

LIST OF STANDARD PARAMETERS

Category	Parameters
Low Frequency	<ul style="list-style-type: none"> Resistance Capacitance (mutual and unbalance)
High Frequency LAN cable (up to 3GHz) Coaxial cable (up to 4.5 GHz) Patch Cord	<ul style="list-style-type: none"> Insertion Loss Return Loss Crosstalk Impedance LCL/TCL
EMC parameters (Shielding effectiveness)	<ul style="list-style-type: none"> Transfer Impedance Coupling attenuation Screening attenuation
High Voltage Testing (max. 5 kV, DC)	<ul style="list-style-type: none"> Insulation resistance Dielectric strength
Resistance	<ul style="list-style-type: none"> DC Linear resistance AC Linear resistance
Resistivity	<ul style="list-style-type: none"> Conductivity / resistivity of class 1 sample conductors

EXAMPLES OF TEST CERTIFICATES AND REPORTS

