SOLARIX

complex network solutions

SOLARIX SYSTEM WARRANTY

Solarix System Warranty

System Warranty Coverage

The Solarix structured cabling system warranty guarantees compliance with the performance parameters of Solarix cables and components used in a single installation for a period of 30 years for copper cabling, and 20 years for fibre optic cabling.

1. Conditions for the Solarix System Warranty

- In the certified installation, all installed cables and structured cabling components must be produced by Solarix.

- Solarix products used in the installation must be new—i.e. previously unused and purchased less than one year ago.

- To issue the Solarix System Warranty, installation of the Solarix products must be performed by employees of an installation company holding a valid "Authorised Installer" certificate.

- The installation company applying for the Solarix System Warranty must complete the required [form](#) to properly identify the installation.

- The installation company must also provide test reports for all certified ports, confirming the quality of the installation.

- Both the design and installation of the cabling products by the installation company must comply with the latest version of the EN 50174 standard (applicable to all its parts and sections) as well as individual product manuals available at www.solarix.cz.

2. Required Documentation for the Solarix System Warranty

a) Test Report

- The measurement file for the certified installation must be provided in the native format of the testing device (e.g. files with extensions *.flw for Fluke Networks devices or *.olts for EXFO devices), not in *.txt, *.xls, *.csv, *.pdf, or other editable formats.

- The number of measurements must match the number of certified ports in the installation.

- Each measurement and its designation in the test report must correspond to the physical state and port labelling of the certified installation.

- For copper cabling, all measurements must be conducted in the Permanent Link topology (two-connector model with permanent link adapters—i.e. the link between patch panel and outlet) in accordance with current ISO 11801 or EN 50173 standards, with a PASS result.

- The measuring device used for certification must have valid calibration and meet accuracy class IEC 61935-1 Level IIIe or higher.

- For fibre optic cabling, measurements must be conducted using the OLTS method in accordance with ISO/IEC 14763-3, with a PASS result. Measurements must consider the number of connections and splices and must be performed at all required wavelengths (e.g., MM: 850 nm and 1300 nm; SM: 1310 nm and 1550 nm).

- The reference for all optical patch cables used in the measurement must be correctly set before measurement.

- The condition of the test leads (copper cabling) and optical patch cords (fibre optic cabling) used with the measuring device must not exceed the manufacturer's specified lifespan.

- The correct cable type and parameters (e.g. NVP) must be set in the measuring device.

b) Other Required Documents

- A valid certificate authorising the holder to offer the Solarix System Warranty.

- A valid calibration certificate for the measuring device used in the certified installation.

- A schematic of the certified cabling showing the placement of all components in the facility, including a rack layout drawing.

All documentation for the Solarix System Warranty (as specified in points a and b above) must be submitted electronically via the registration form no later than three months after installation. The Solarix system manufacturer reserves the right to conduct random inspections of certified ports on-site.

3. Coverage of the Solarix System Warranty

- The performance parameters of Solarix cables used in certified installations in the Permanent Link topology will meet the tested class parameters of the standards ISO 11801 or EN 50173 valid at the time of certification throughout the warranty period.

- The performance parameters of Solarix components used in certified installations in the Permanent Link topology will comply with the tested class parameters of the standards ISO 11801 or EN 50173 valid at the time of certification throughout the warranty period.

4. Exclusions from the Solarix System Warranty

- Accidental or intentional damage to Solarix cables or components in the installation.

- Damage to Solarix cables or components caused by third-party products.

- Damage to Solarix cables or components due to weather conditions, natural disasters, or other external factors (e.g., moisture, dust, smoke, chemical effects, etc.).

- Cases where it is found, even after warranty issuance, that the cabling design or installation did not comply with the latest version of the EN 50174 standard.

- If servicing is performed on the certified installation without prior approval from the Solarix cabling manufacturer, by an installation company not holding a valid Solarix certificate for installers, and without subsequent re-certification of the serviced part.

- If these maintenance and use conditions were not followed during the use of Solarix cabling.

5. Immediate Product Replacement Guarantee

Upon meeting the above conditions, the Solarix system manufacturer will issue a "System Warranty" certificate for the certified installation with an extended warranty of 30 years (copper cabling) and 20 years (fibre optic cabling).

If, during the warranty period, the performance parameters of Solarix products in the Permanent Link topology of the certified installation deviate from the requirements of ISO 11801 or EN 50173 standards valid at the time of certification, and the conditions outlined in Section 4 (Exclusions) are not met, the Solarix cabling manufacturer will provide free replacement of defective Solarix products.

SOLARIX

www.solarix.cz