



complex network solutions



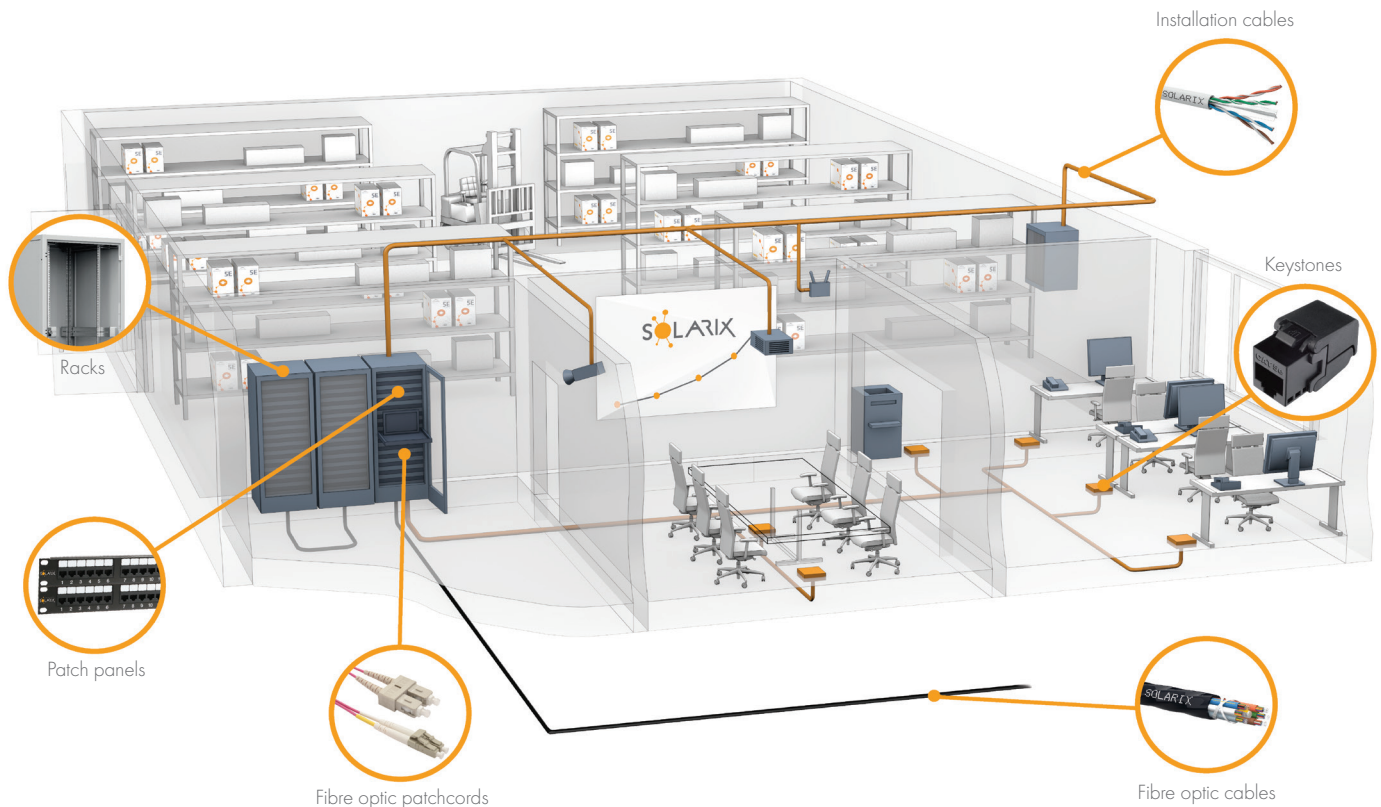
STRUCTURED CABLING

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About Solarix

Solarix is a structured cabling system offering a complete solution for building passive infrastructure of computer networks. It is characterised by excellent performance, reliability, easy installation and also a reasonable price. Thanks to its characteristics and a wide range of copper and fibre optic products as well as racks, Solarix components can be used in networks of all sizes and types.



Performance and Quality

All Solarix installation cables, patch panels, keystones, patch cables etc. are designed to provide maximum performance and fulfil, or even exceed, the requirements defined by international standards for structured cabling. Solarix also offers products, which respond to the latest trends in computer networks - e.g. Solarix Category 6A, Solarix Category 7, and Solarix Category 7A components that support the 10GBASE-T high-speed protocol and data transfers at 10 Gbps as well as Solarix Category 8 components with data speeds of up to 25 Gbps and 40 Gbps (i.e. 25GBASE-T and 40GBASE-T protocols).

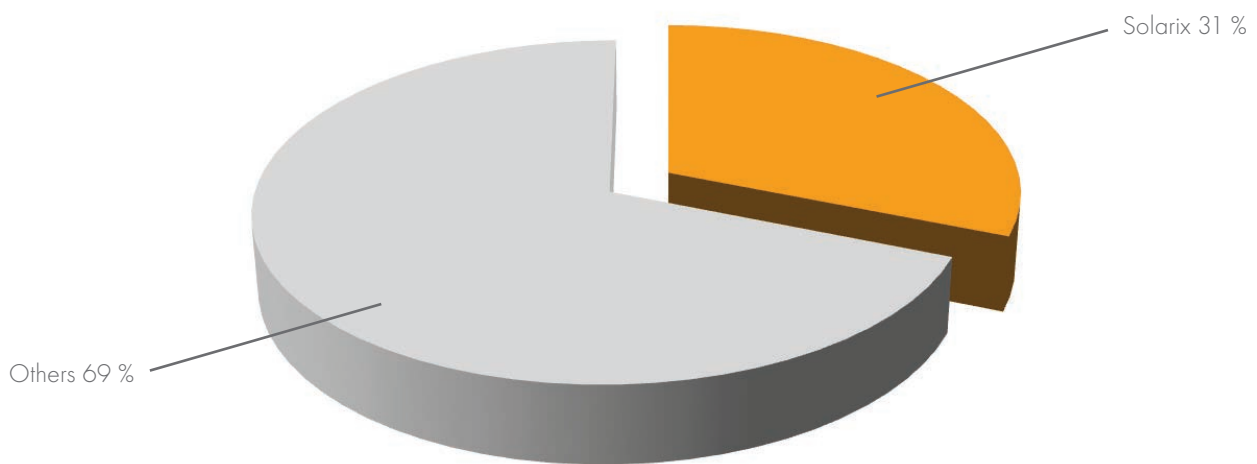
The quality and the outstanding performance parameters of Solarix structured cabling are testified by **certificates** issued by internationally recognized testing laboratories and by more than 700 certified and long-term **reliably working installations** across the Czech Republic, Slovakia, Poland as well as other EU or non-EU countries.

Key Features

- Complete product portfolio of copper and fibre optic cabling as well as racks
- Excellent quality, performance, and price ratio
- Components comply with international standards requirements
- Excellent stock availability
- Quick and easy installation
- Immediate response to the latest trends and innovations
- Wide database of product materials
- Advanced system of warranties (e.g. warranty up to 30 years available)

Market Share

Solarix structured cabling is the top-selling structured cabling system in the Czech Republic with a share of 31 % and monthly cable sales of 3.700 KM.



Solarix's market share in the Czech Republic



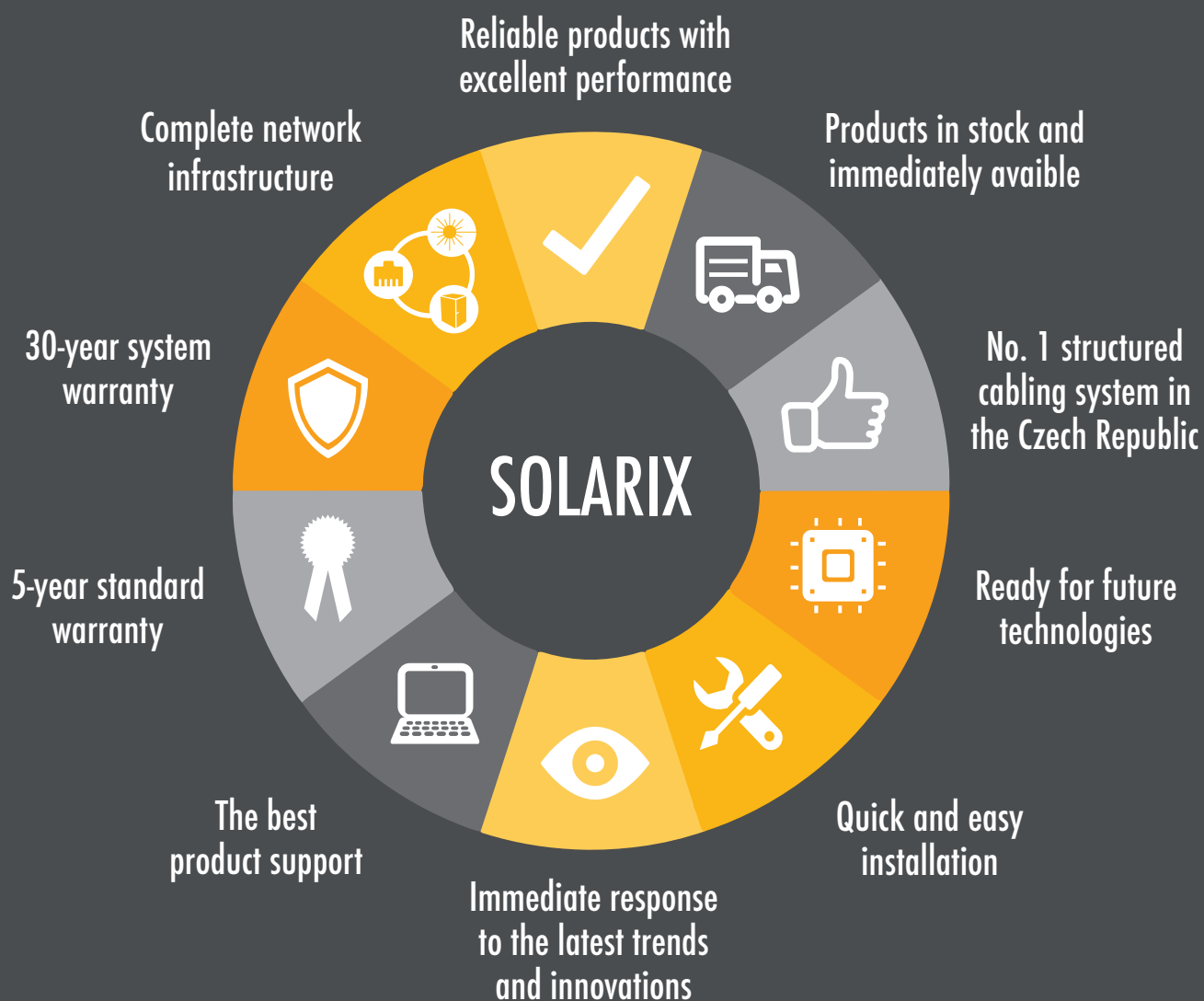
Did you know that ...

... in the last five years, our customers have installed such an amount of Solarix cables that their total length could be wound across the Earth more than three times?

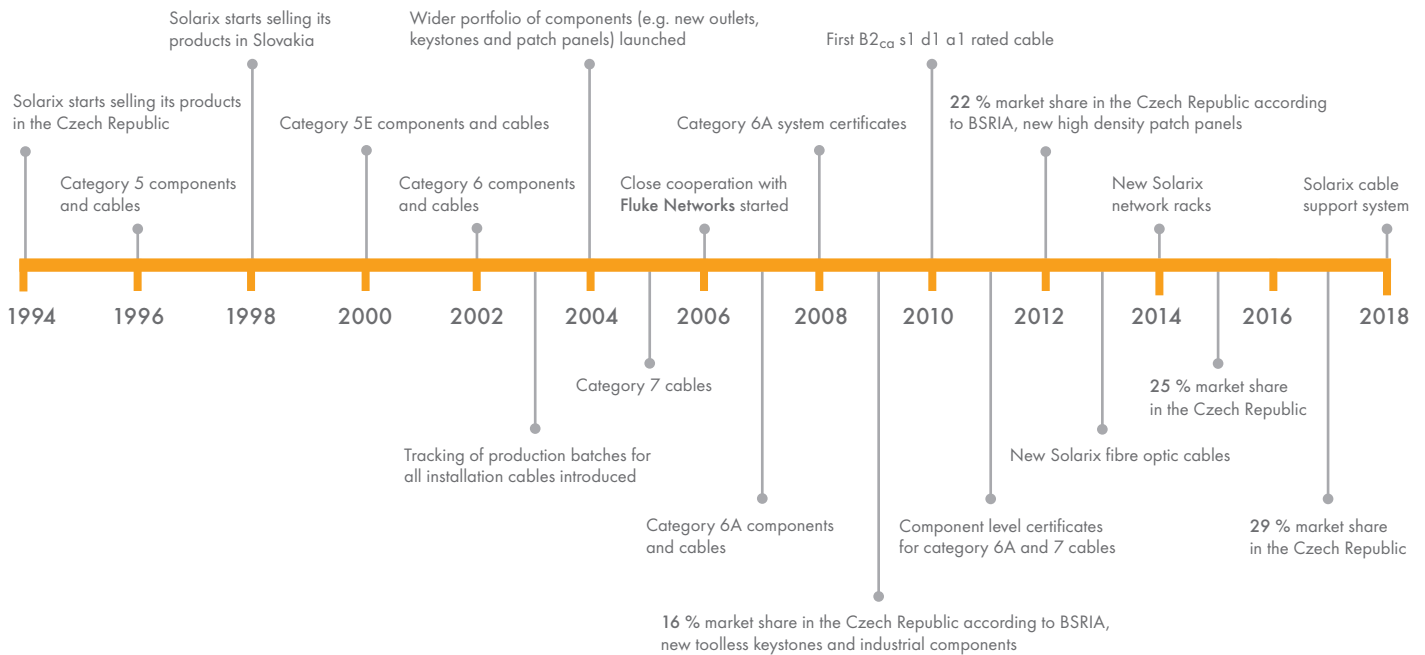


WHY SOLARIX?

10 reasons why to buy Solarix



Did you know what are the most important Solarix milestones?



Did you know that ...

... you may get a **system warranty** for your installation with Solarix components for up to 30 years?

Solarix Certificates

We are aware of the importance of regular quality inspections of our components and cables used by our customers in their networks. Therefore we have Solarix products regularly tested by independent laboratories. Certificates issued by these testing authorities are important part of the Solarix product support as they guarantee to our customers that Solarix products are reliable and problem free. All Solarix certificates are available for download at www.solarix.cz.



CPR

Solarix installation cables have been classified according to the EU regulation No. 305/2011 (so-called CPR). In addition to the usual reaction-to-fire classes (i.e. F_{ca} , E_{ca} , D_{ca}), Solarix structured cabling offers C_{ca} and $B2_{ca}$ rated cables regularly inspected by an independent notified body in the AVCP 1+ mode.

	F_{ca}	E_{ca}	D_{ca}	C_{ca}	$B2_{ca}$
CAT5E	SXKD-5E-UTP-PE SXKD-5E-FTP-PE SXKD-5E-UTP-PEG SXKD-5E-FTP-PE-SAM SXKD-5E-FTP-PVC+PE	SXKD-5E-UTP-PVC SXKD-5E-FTP-PVC	SXKD-5E-UTP-LSOH SXKD-5E-FTP-LSOH		SXKD-5E-FTP-LSOHFR-B2 $_{ca}$
CAT6	SXKD-6-UTP-PE SXKD-6-FTP-PE	SXKD-6-UTP-PVC SXKD-6-FTP-PVC	SXKD-6-UTP-LSOH SXKD-6-FTP-LSOH		SXKD-6-UTP-LSOHFR-B2 $_{ca}$
CAT6A	SXKD-6A-STP-PE		SXKD-6A-STP-LSOH SXKD-6A-FTP-LSOH		SXKD-6A-STP-LSOHFR-B2 $_{ca}$
CAT7				SXKD-7-SSTP-LSOH	SXKD-7-SSTP-LSOHFR-B2 $_{ca}$
CAT7A				SXKD-7A-1200-SSTP-LSOH	SXKD-7A-1200-SSTP-LSOHFR-B2 $_{ca}$
CAT8				SXKD-8-SSTP-LSOH	

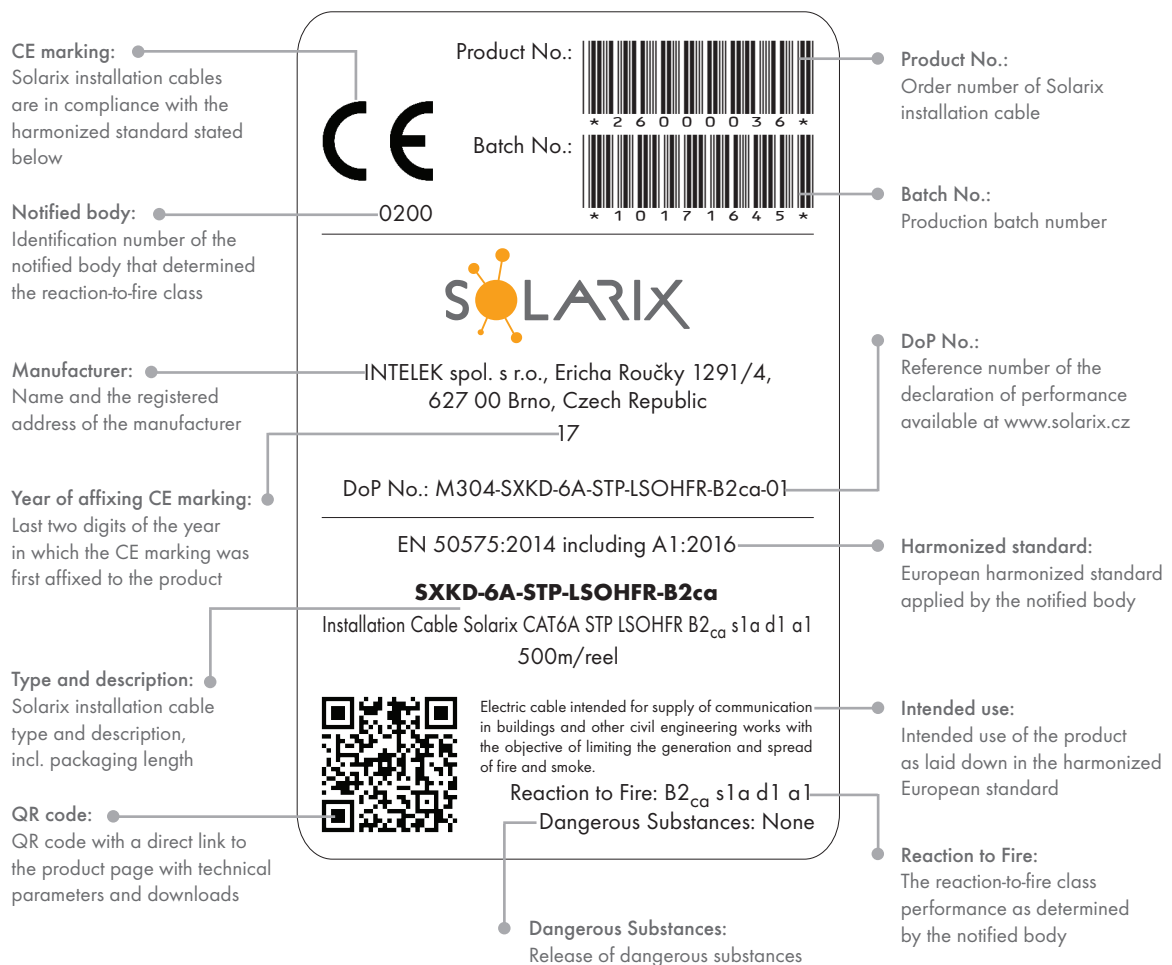
Flammable



Least flammable

Solarix Product Labels

The clear identification of all Solarix products is very important both to us and our customers. Therefore, each individual Solarix product is marked by a product label with its order code, product name, packaging amount, and bar code. For copper and fibre optic cables, a production batch number is shown on all Solarix labels as well as other information required by EU legislation, such as a reaction to fire class for each cable type, a declaration of performance unique number, harmonized standards, and the CE marking.



Did you know that ...

... you may follow Solarix on [Facebook](#), [LinkedIn](#), and [Twitter](#)?



+420 840 505 555 • info@solarix.cz
www.solarix.cz

Changing computer networks, pushing the boundaries.





TIETO TOWERS, Ostrava
cat. 6, 3500 ports

IT4Innovation – National Supercomputing Center, Ostrava
cat. 6, 1300 ports

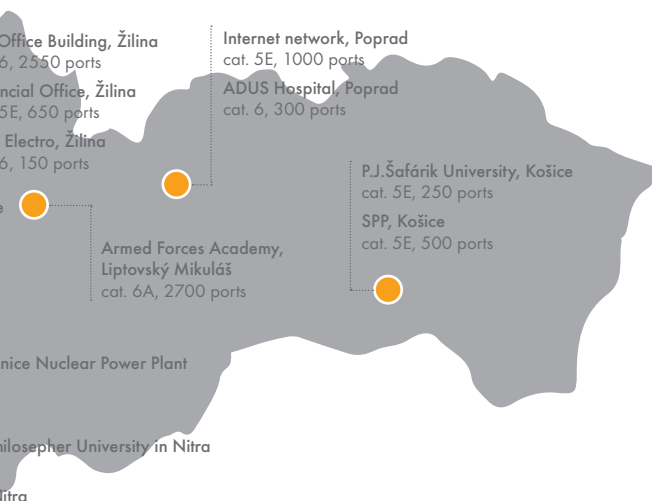
Lumius Office Building, Sviadnov
cat. 5E, 1200 ports

Science and Technology Centre, Ostrava
cat. 6, 1050 ports

Hospital and Pharmacy, Ostrava-Vitkovice
cat. 6, 1000 ports

TWR, Mošnov
cat. 6, 750 ports

CTPark, Ostrava
cat. 6A, 500 ports



Office Building, Žilina
cat. 6, 2350 ports

Financial Office, Žilina
cat. 5E, 650 ports

Electro, Žilina
cat. 6, 150 ports

Internet network, Poprad
cat. 5E, 1000 ports

ADUS Hospital, Poprad
cat. 6, 300 ports

P.J.Šafárik University, Košice

cat. 5E, 250 ports

SPP, Košice

cat. 5E, 500 ports

Armed Forces Academy,
Liptovský Mikuláš
cat. 6A, 2700 ports

Nuclear Power Plant

Philosopher University in Nitra

Nitra

reda

List of selected world references

HOLIDAY INN Hotels, Germany

Solar Power Station Budapest,
Hungary

Czech Embassy Helsinki, Finland

Slovak Embassy Rome, Italy

Friendship Hospital, Laos

Moscow Subway, RF

Athletic Stadium Ethiopia

Hospital Goroka,

Papua New Guinea

Unicredit Bank Filadelfie, USA

Poland

Detention Facility, Opole

PKP Polish Railways

International Congress Center,
Katowice

Zalando, Głuchów

Pannatoni, Sosnowiec

Hillwood Hall, Parzniew, Świecko

District Police Offices

DPD Hall Warszawa

Institute of Aviation, Warszawa

OBI market, Natolin

OSCHMAN, Sulęcín

Center of Education,

Ostrow Wielkopolski

Warehouse, Myslowice

Residential Buildings, Łódź

Akademik w starym Pewexie,
Łódź

Campanile Hotels

Premiere Hotels

Golden Tulip Hotel, Warszawa

Municipality Office, Zielonki

Manufacturing Hall ZBYCH

POL & MOBET, Mogilno

Residence of Paroc Polska,
Trzemeszno

HOCHTIEF Offices Polska

Warsaw Polytechnic

Main building

DHL Hall, Nowa Wieś

Wrocławska

Shopping Center, Warszawa

Biprotut Offices, Gliwice

Keller Polska Office, Kraków

Employment Department, Kraków

Akademia Ignatianum, Kraków

John Pavel II. Catholic University

Building, Kraków

Leroy Merlin, Kalisz

Central Hospital, Łódź

Standard Warranty

Copper cabling

In the case of Solarix copper cabling, for every installation cables and components (i.e. patch panels, outlets, keystones, connectors etc.), a standard warranty of 5 years is provided.

Fibre optic cabling

For Solarix fibre optic cabling, a standard warranty of 5 years is also provided.

Racks

For networks racks including all accessories (i.e. shelves, ventilation units etc.) a standard warranty of 2 years is applied.

Products	Standard warranty	System warranty
Copper cabling	5 years	30 years
Fibre optic cabling	5 years	20 years
Racks	2 years	2 years

Guarantee of immediate product exchange

The Solarix standard warranty guarantees an immediate replacement of any malfunctioning Solarix component, either on-site with our local distributor or by a courier.

System Warranty

Copper cabling

The system warranty for all Solarix copper installation cables and components used at a single installation guarantees the fulfilling of performance parameters for a period of 30 years. The conditions for providing such warranty are available at www.solarix.cz.

Fibre optic cabling

The system warranty for all Solarix optical cables and components used at a single installation guarantees the fulfilling of performance parameters for a period of 20 years. The conditions for providing such warranty are available at www.solarix.cz.

Products	Standard warranty	System warranty
Copper cabling	5 years	30 years
Fibre optic cabling	5 years	20 years
Racks	2 years	2 years

Guarantee of immediate product exchange

Based on fulfilling the Solarix system warranty conditions, we will issue a certificate with extended warranty of 30 years. If during this period, the electric parameters of installed Solarix components deviate from the values declared by the standards, we will arrange for their immediate replacement.



SYSTEM WARRANTY

Warranties comparison in the Czech Republic



30 years

Solarix system warranty



25 years

Swedish furniture manufacturer



20 years

Norwegian manufacturer of roofing material



10 years

Czech window manufacturer



7 years

South-Korean car manufacturer

Solarix Cable Box

Solarix installation cables in 305 m lengths are packed in a firm and durable three-layer cardboard box. Besides this, you will find that there are several other useful features.

Colour differentiation that facilitates distinguishing among different Solarix cables

Trouble-free pulling out of the cable

Easy to access technical parameters

Product label with cable description, barcodes, production batches, CPR info etc.

Peek hole enabling to see the remaining cable

Opening for easy handling

Highly durable three-layer cardboard

Proper size marking readable from distance

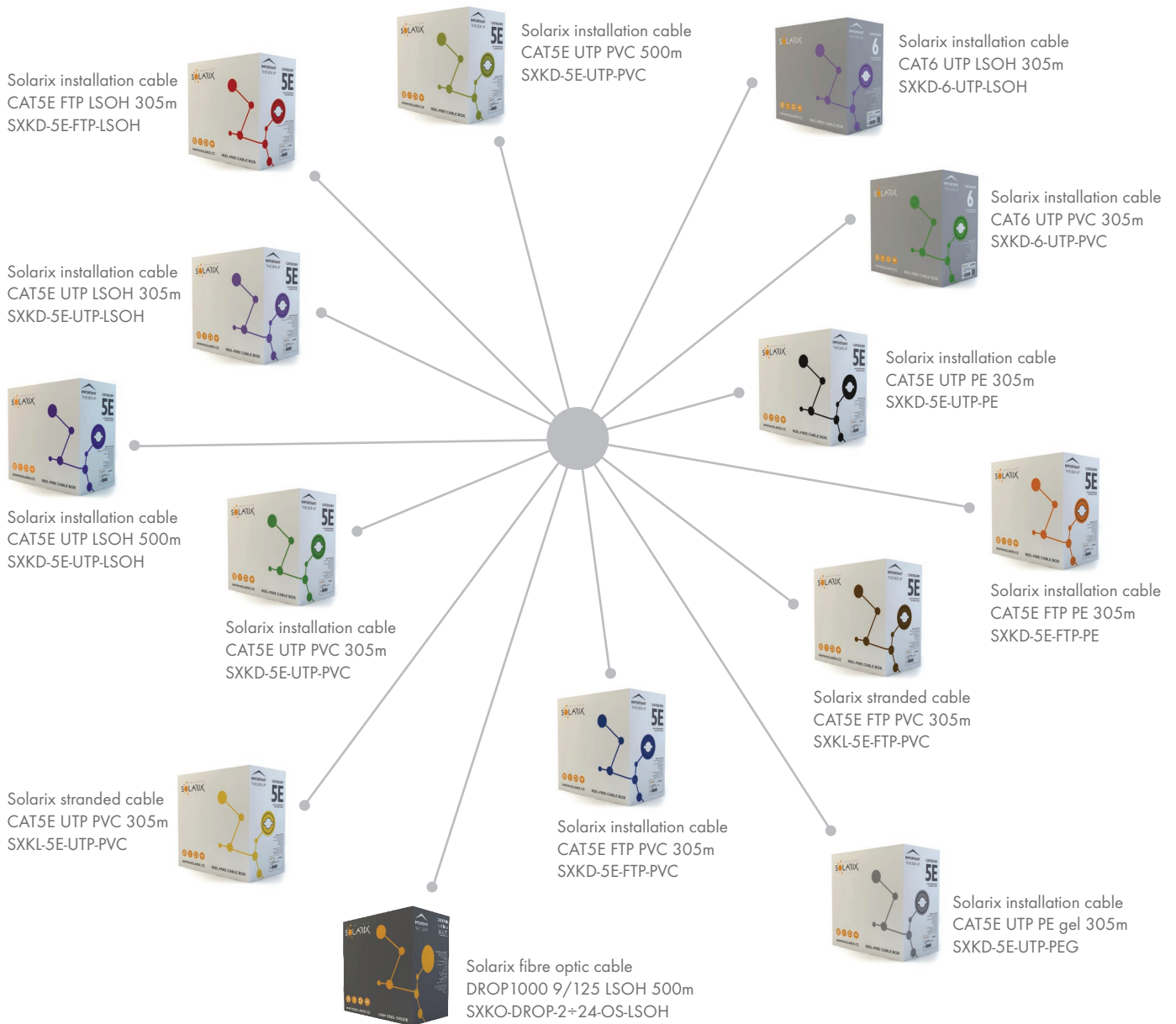


Did you know that ...

... we keep more than 500 items in stock for our customers?

Colour Differentiation of Solarix Cables

Based on the colour of the graphic elements on Solarix boxes, you can easily distinguish the type of cable. Such colour differentiation significantly facilitates the orientation among different boxes of Solarix cables.



Did you know that ...

... the system warranty registration for your Solarix installation may be processed **online?**

Solarix Certification Training

Who is the training intended for?

This type of training is intended mainly for installation companies.

When and where does the training take place?

The training is usually organized twice a year in Prague and Brno. It is a two day event.

What will you learn on the training?

In addition to the theoretical knowledge, Solarix trainings put emphasis on practical skills needed for installing structured cabling components, their testing, failed tests handling etc. The training is divided into the following parts:

A) Day 1

- Introduction to structured cabling I. – history of computer networks, network topology, standards overview, categories and classes
- Introduction to structured cabling II. – cable constructions, principle of signal transfer, testing topologies, performance parameters, what to do in case the test results fail
- Solarix cabling system – introduction to Solarix products, their technical parameters and key features
- Trends in structured cabling – what is new in structured cabling, what to expect in the near future (e.g. Category 8.1 a 8.2, protocols 10GBASE-T, 25GBASE-T, 40GBASE-T etc.)
- Installing structured cabling – most important procedures and technical information on installing structured cabling
- Practical part – installation and testing
- Final test

B) Day 2

- Fiber optics part I. – principles of transmitting optical signals, optical fibre types and their use in practice, constructions of fibre optic cables
- Fiber optics part II. – types of fibre optic connectors and polish types of fibre optic ferrules, fibre optic cable laying, fibre termination, testers and testing procedures
- Racks – basic terms and standards, products offered and their typical use, examples, applications, custom solutions
- Practical part – installation of fibre optic cable and patch panels, splicing and testing
- Final test

What is the output of the training?

All participants will receive a certificate which will authorise them to offer a system warranty for Solarix products. Besides this certificate, each participant will receive the materials used during the training (i.e. the printed presentations, product catalogues etc.). Each installation company will also receive a set of Solarix components and installation tools. The certificate validity period is 3 years.



Did you know that ...

... every minute our customers install 275 m of Solarix cables?



WEB SOLARIX

What will you find on the Solarix product web



Solarix on Social Networks

Solarix may be followed also on [Facebook](#), [LinkedIn](#), and [Twitter](#). There we want to share not only our product news, technical articles, or scheduled events but also interesting facts from the IT world that are related to Solarix and the technologies we use.



Contacts

Do you need more information regarding Solarix products?
Please contact us by phone +420 840 505 555 or e-mail info@solarix.cz.
You may also send us a message via our [contact form](#).



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