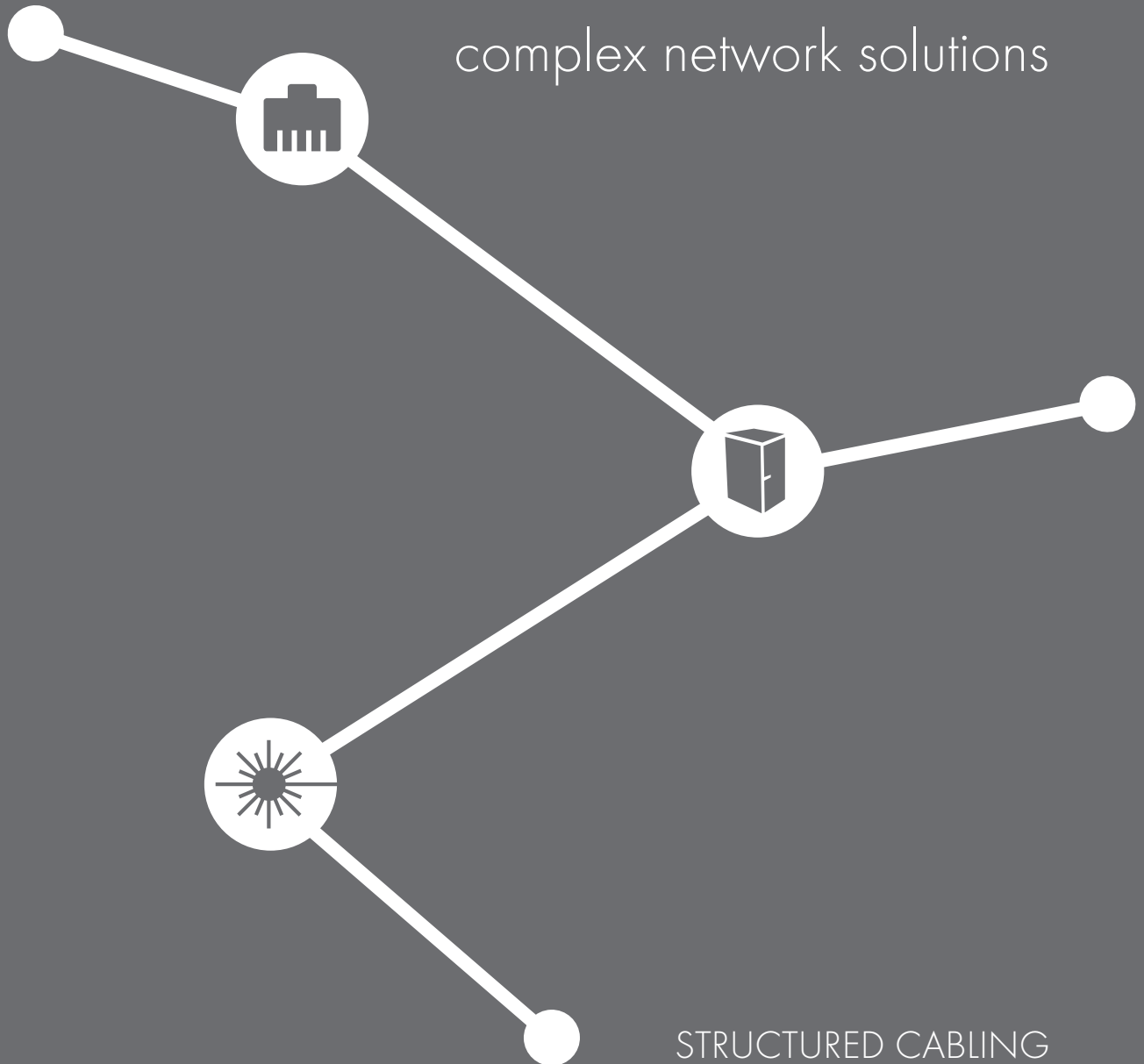




complex network solutions



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 of 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).

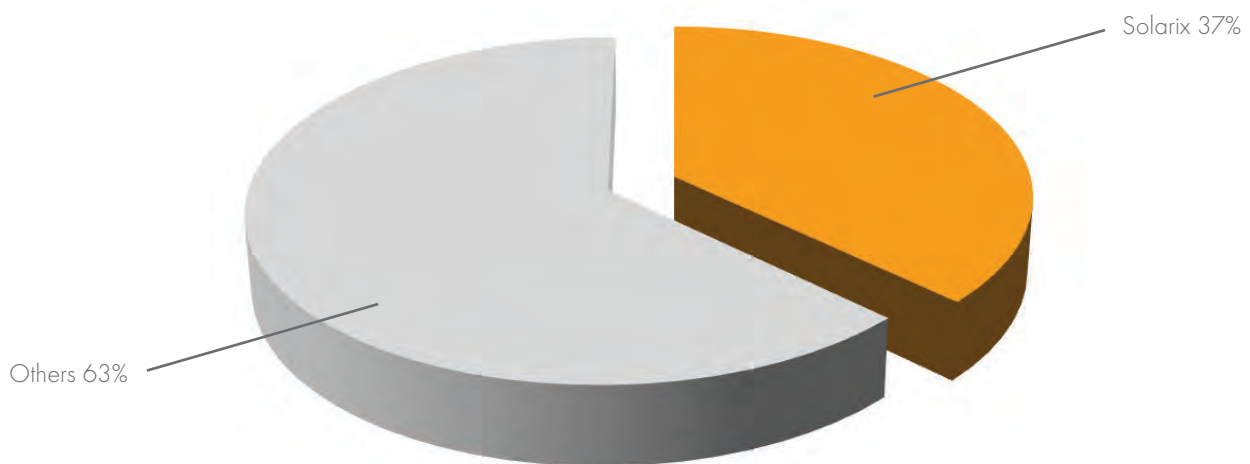
The quality and the outstanding performance parameters of Solarix structured cabling are testified by **certificates** issued by internationally recognized testing laboratories and by more than 1.000 certified and long-term **reliably working installations** across the Czech Republic, Slovakia, Poland 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 37% and monthly cable sales of 4.300 km.



Solarix's market share in the Czech Republic



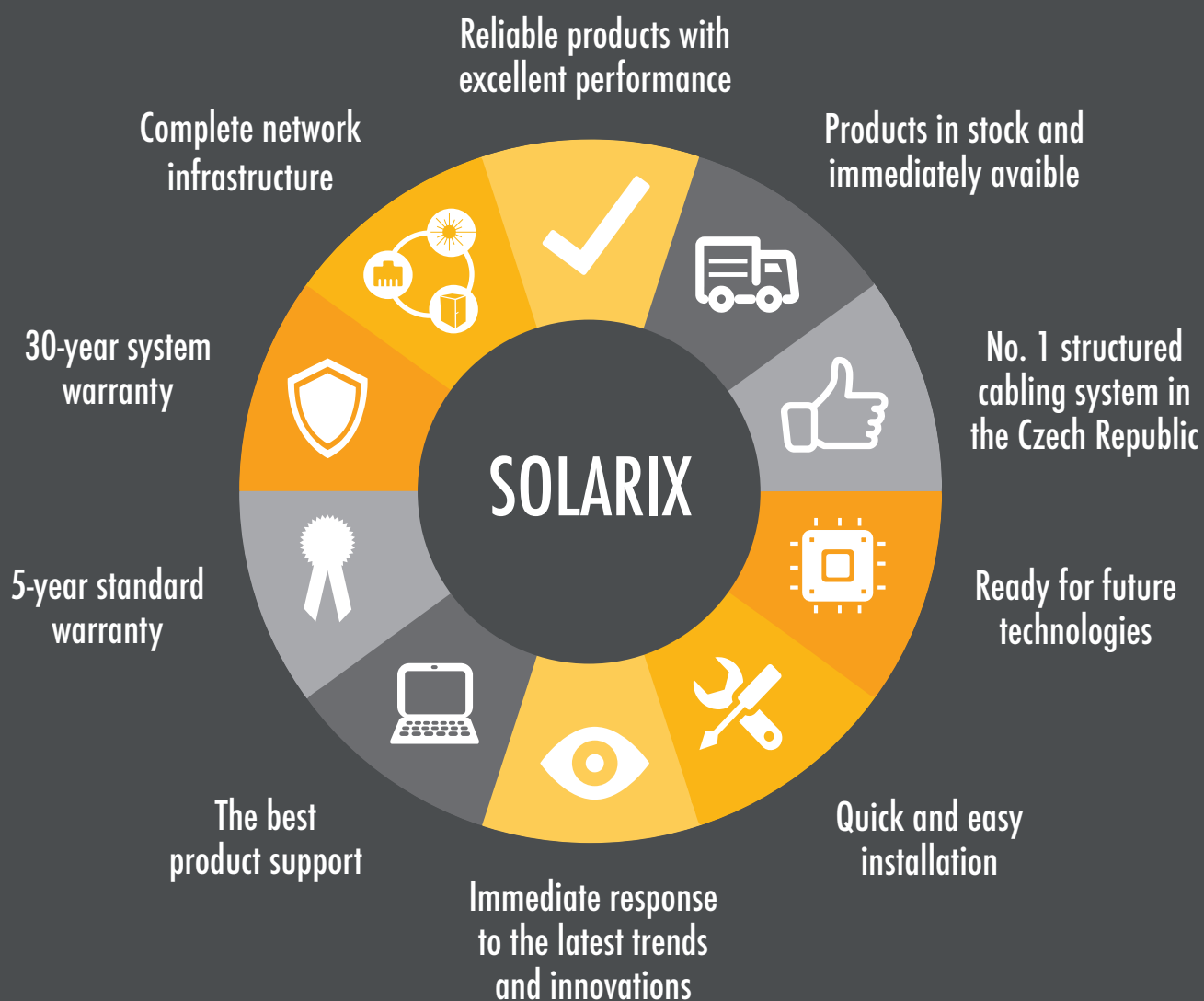
Did you know that ...

... 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?

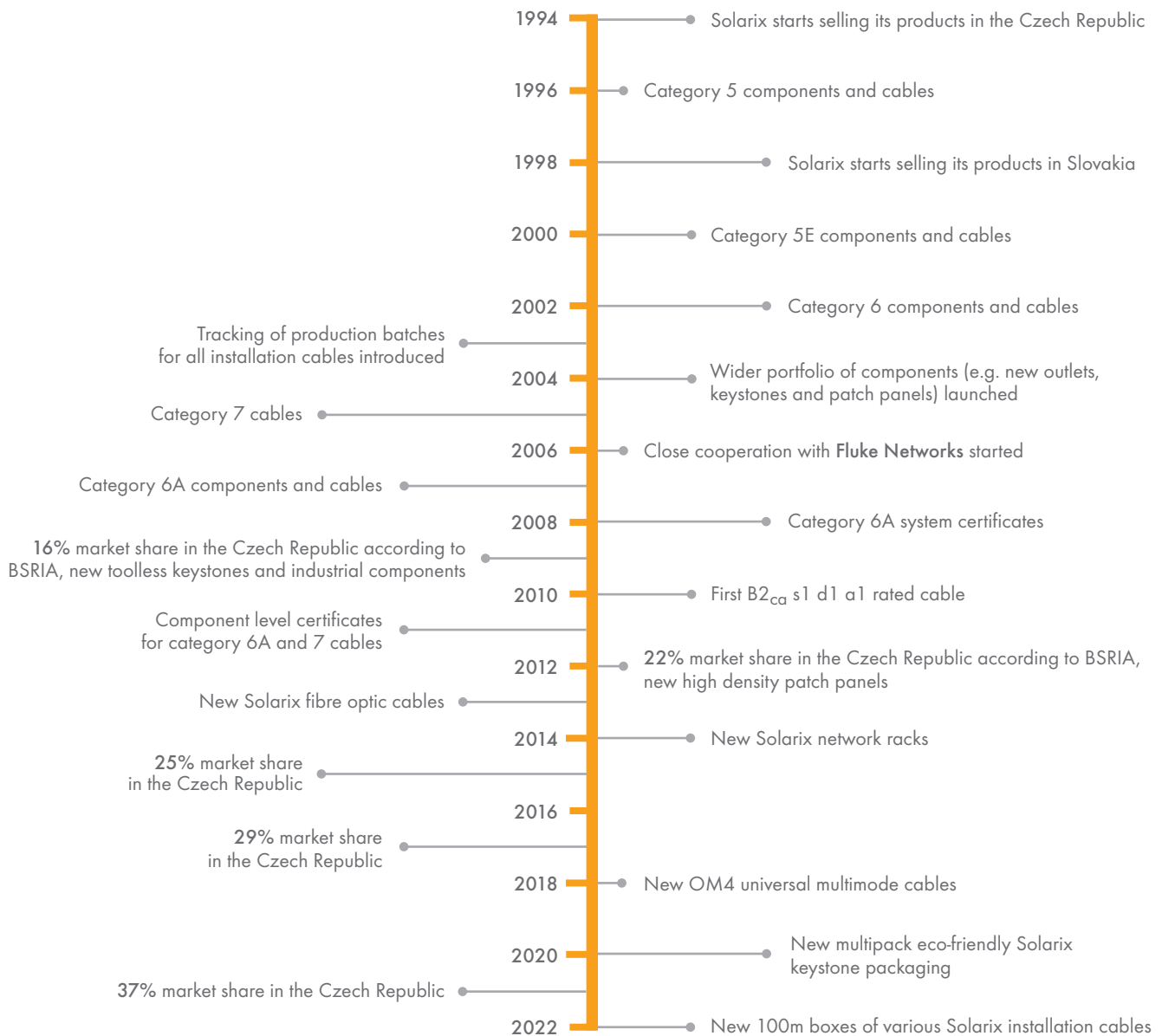


WHY SOLARIX?

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?

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

Polland

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
Biprophut 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

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-FFTP-LSOH		SXKD-6A-STP-LSOH-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

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.



Did you know that ...

... the system warranty registration for your Solarix installation may be processed [online](#)?



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 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.

CE MARKING

Solarix installation cables are in compliance with the harmonized standard stated below

NOTIFIED BODY

Identification number of the notified body that determined the reaction-to-fire class

MANUFACTURER

Name and the registered address of the manufacturer

YEAR OF AFFIXING CE MARKING

Last two digits of the year in which the CE marking was first affixed to the product

TYPE AND DESCRIPTION

Solarix installation cable type and description, incl. packaging length

EAN CODE

Unique barcode product in the EAN system, type EAN-13

PRODUCT NO.

Order number of Solarix installation cable

BATCH NO.

Production batch number

DOP NO.

Reference number of the declaration of performance available at www.solarix.cz

HARMONIZED STANDARD

European harmonized standard applied by the notified body

INTENDED USE

Intended use of the product as laid down in the harmonized European standard

REACTION TO FIRE

The reaction-to-fire class performance as determined by the notified body



DANGEROUS SUBSTANCES

Release of dangerous substances



Did you know that ...

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

SOLARIX

SOLARIXPEDIA

Solarix: smart boxes for Solarix installation cables

- Solarix installation cables packed in a cardboard box are separated for **easier orientation** color-coded (i.e. **each color of the box** represents a **different type of cable**)
- All Solarix cable boxes (i.e. 100m, 305m and 500m) are made of **very strong three-layer cardboard** and other important information is marked on them (e.g. technical parameters including NVP)
- Thanks to its construction, the Solarix box allows for completely **trouble-free unwinding** of the cable
- Each Solarix cable is properly marked with a **CPR label** on the box in accordance with EU Regulation No. **305/2011**

CATEGORY 5E INSTALLATION CABLES



SXKD-5E-UTP-PVC package 305m



SXKD-5E-FTP-PVC package 305m



SXKD-5E-UTP-LSOH package 305m



SXKD-5E-FTP-LSOH package 305m



SXKD-5E-UTP-PE package 305m



SXKD-5E-FTP-PE package 305m



SXKD-5E-UTP-PEG package 305m



SXKD-5E-UTP-PVC package 500m



SXKD-5E-UTP-LSOH package 500m



SXKD-5E-UTP-PVC package 100m



SXKD-5E-UTP-LSOH package 100m

CATEGORY 6 INSTALLATION CABLES



SXKD-6-UTP-PEG package 305m



SXKD-6-UTP-LSOH package 305m



SXKD-6-UTP-PVC package 100m



SXKD-6-UTP-LSOH package 100m

CATEGORY 5E CABLES TYPE LICNA



SXKL-5E-UTP-PVC package 305m



SXKL-5E-FTP-PVC package 305m

Solarix Cable Box

Solarix installation cables in 305m 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 ...

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

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

- Copper cabling part I – what is structured cabling, overview of the most important standards, categories and classes, differences between them, typical installations
- Copper cabling Part II – cable constructions, reaction to fire classes, selection of appropriate installation cables and components, structured cabling and PoE
- Cabling testing – testing topologies, types of testing devices, electrical parameters, what to do when a parameter fails
- Installation – the most important installation procedures and technical information regarding the installation of structured cabling, extract of the most important information from EN 50174
- Practical part – testing with Fluke Networks certification devices, installation of cabling products
- 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 416 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](#), [Twitter](#), [LinkedIn](#) and [YouTube](#). 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](#).



www.solarix.cz

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