

# Universal MPTL plug Solarix CAT5E STP RJ45 toolless



Product number:  
11910000

Type number  
SXRJ45-5E-STP-BK-SA

EAN barcode:  
8595684700749



## Key features

- Robust and highly reliable category 5E/Class D plug
- Designed for ethernet protocols, including 2.5GBASE-T and 5GBASE-T\*
- Very easy and quick installation, toolless termination, for both solid and stranded wires (AWG 26-23)
- Designed for shielded cables from Ø 6.0 mm to Ø 8.0 mm with wires up to Ø 1.5 mm (incl. PE insulation)
- 50 µin gold contact plating
- The plug meets the ISO/IEC 11801, EN 50173, and ANSI/TIA 568.2-E cabling standards and its performance is suitable for modular plug terminated link (MPTL)
- The colour of the plug is black (plastic parts) and silver (metal body)

## Cabling standards

General standards EN 50173-1, EN 50173-2, ISO/IEC 11801-1, ISO/IEC 11801-2, ANSI/TIA 568.2-E  
Product standards EN 60603-7-3

## Supported protocols

	10BASE-T	100BASE-TX	1000BASE-T	2.5GBASE-T	5GBASE-T
Supported by the SXRJ45-5E-STP-BK-SA plug	YES	YES	YES	YES*	YES*

\*) For the 2.5GBASE-T and 5GBASE-T protocols, the operability success and distance achieved may vary depending on the type and quality of installation.

## Supported PoE

	802.3af	802.3at
PoE type	Type 1	Type 2
Maximum current	350 mA	600 mA
No. of pairs used	2	2
Supported by the SXRJ45-5E-STP-BK-SA plug	YES	YES



## Physical parameters

Plug construction	STP, dismountable
Plug type	RJ45 8p8c
Min. contacts lifetime	1000 connections/disconnections
Contacts plating	50 µin gold
Termination	toolless
Size and type of conductor	AWG 26 – 23, solid and stranded
Cable size	min. Ø 6.0 mm, max. Ø 8.0 mm
Max. wire size (incl. insulation)	Ø 1.5 mm
Material of non-metallic parts	FR plastic according to UL94-0
Plug body colour	black (plastic parts) and silver (metal body)

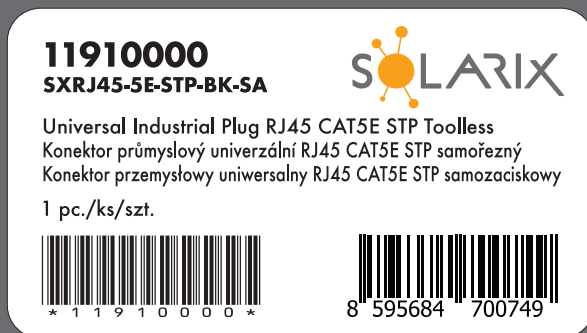
## Operation and storage

Storage temperature	-25 to 70 °C
Operating temperature	-40 to 70 °C
Max. operating humidity	93%

## Logistic parameters

Plug packaging size (h x w x d)	165 mm x 90 mm x 15 mm, plastic bag
Weight	22 g
Included in the package	1x plug
Master packaging	280x plug
Master packaging size (h x w x d)	230 mm x 515 mm x 400 mm, carton box
Batch marking	yes (on the product, its packaging and on the transport master box)
Batch and product numbers barcode	IDAutomation Code 39, ANSI/ISO/AIM specification
EAN code type	EAN-13

## Plug label



## Solarix warranties

Standard warranty **5 years**



## Related products

Product Number	Type Number	Description
27655142	SXKD-5E-FTP-PVC	Installation Cable Solarix CAT5E FTP PVC Eca 305m/box
27655144	SXKD-5E-FTP-PVC	Installation Cable Solarix CAT5E FTP PVC Eca 500m/reel
27655147	SXKD-5E-FTP-LSOH	Installation Cable Solarix CAT5E FTP LSOH Dca-s1,d2,a1 305m/box
27655152	SXKD-5E-FTP-LSOH	Installation Cable Solarix CAT5E FTP LSOH Dca-s1,d2,a1 500m/reel
27655153	SXKD-5E-FTP-LSOHFR-B2ca	Installation Cable Solarix CAT5E FTP LSOHFR B2ca-s1,d1,a1 500m/reel
27655192	SXKD-5E-FTP-PE	Installation Cable Solarix CAT5E FTP PE Fca Outdoor 305m/box
27655195	SXKD-5E-FTP-PE-SAM	Installation Cable Solarix CAT5E FTP PE Fca Outdoor Self-Supporting 305m/reel
27655197	SXKD-5E-FTP-PVC+PE	Installation Cable Solarix CAT5E FTP PVC+PE Fca Outdoor Double 305m/reel

