

Type number:  
C6-xxxxyy-zzMB



## Key features

- High quality unshielded category 6/Class E patch cables, snag-proof or non-snag-proof
- Designed for ethernet protocols, including 2.5GBASE-T and 5GBASE-T
- High reliability and flexibility
- 50 pin gold contact plating
- Quality copper AWG 24/7 stranded wire
- PVC sheath
- U/UTP patch cable construction
- The patch cables meet the ISO/IEC 11801, EN 50173, and ANSI/TIA 568.2-D cabling standards
- Available lengths 0.5m, 1m, 2m, 3m, 5m, 7m, 10m, 15m, and 20m
- Patch cable colours are grey, red, blue, yellow, and green
- Due to their design, these Solarix patch cables are compatible with high-density network devices

## Cabling standards

General standards

EN 50173-1, EN 50173-2, ISO/IEC 11801-1, ISO/IEC 11801-2, ANSI/TIA 568.2-D

Product standards

EN 60603-7-4, EN 50288-6-2, IEC 61156-6

## Supported protocols

	10BASE-T	100BASE-TX	1000BASE-T	2.5GBASE-T	5GBASE-T
Supported by the C6-xxxxyy-zzMB patch cables	YES	YES	YES	YES	YES

## Supported PoE types

	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 C6-xxxxyy-zzMB patch cables	YES	YES

## Physical parameters

Patch cable construction	U/UTP
Number of connectors	2x RJ45 8p8c
Min. contacts lifetime	1 000 connections/disconnections
Contacts plating	50 µin gold
Sheath type	PVC
Conductor type and size	copper stranded wire, AWG 24/7 (7x 0.196 mm ± 0.008 mm)
Conductor diameter with insulation	0.96 mm ± 0.06 mm
Cable diameter	5.4 mm ± 0.2 mm
Patch cable colour	grey RAL 7035

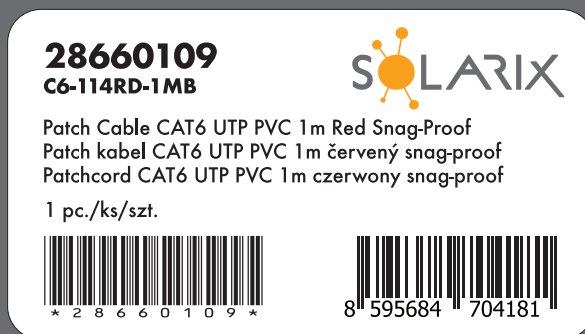
## Operation and storage

Operating temperature	-20 to 60 °C
Storage temperature	-20 to 60 °C
Max. operating humidity	93%

## Logistic parameters

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

## Patch cable label



## Solarix warranties

Standard warranty **5 years**

## Related products

Product Number	Type Number	Description
24000146	SX24HD-6-UTP-BK	Patch Panel Solarix 24x RJ45 CAT6 UTP Mmgmnt Bar Black 0.5U
24000050	SX24L-6-UTP-BK-N	Patch Panel Solarix 24x RJ45 CAT6 UTP Cable Mngmnt Bar 1U
24200024	SX24-6-UTP-BK	Patch Panel Solarix 24x RJ45 CAT6 UTP 350 MHz Black 1U
25286601	SXKJ-6-UTP-BK	Keystone Solarix CAT6 UTP RJ45 Black
25286801	SXKJ-6-UTP-BK-SA	Keystone Solarix CAT6 UTP RJ45 Black Toolless
25286811	SXKJ-6-UTP-BK-SA	MULTIPACK 24 pcs - Keystone Solarix CAT6 UTP RJ45 Toolless
25286803	SXKJ-6-UTP-BK-NA	Keystone Solarix CAT6 UTP RJ45 Black for SXKJ-NA-BU
25286813	SXKJ-6-UTP-BK-NA	MULTIPACK 24 pcs - Keystone Solarix CAT6 UTP RJ45 Black
23100093	SX9-2-6-UTP-WH	Outlet Solarix CAT6 UTP 2x RJ45 Wall-Mount White
23100097	SX9-1-6-UTP-WH	Outlet Solarix CAT6 UTP 1x RJ45 Wall-Mount White

**Legend:** xxx = patch cable type - non-snag-proof boot (155), snag-proof boot (114)  
yy = patch cable colour - grey (GY), red (RD), blue (BU), yellow (YE) and green (GR)  
zz = patch cable length (e.g. C6-155GY-1MB for 1 m length)

