Data sheet

Patch cord Cat.6_A AWG 26 10.0 m green

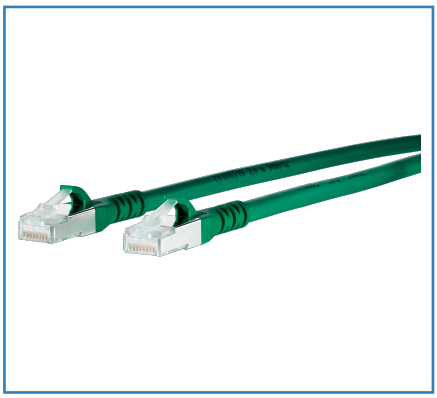
P/N 130845A055-E

EAN 4250184117674

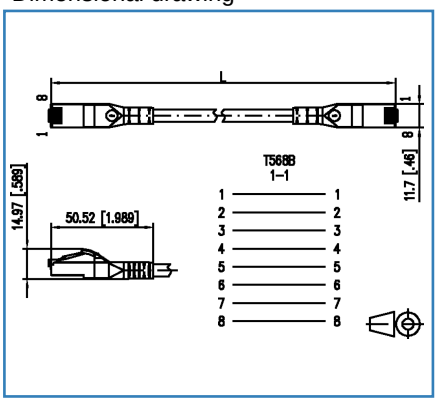
2019/09/19

Version: AK

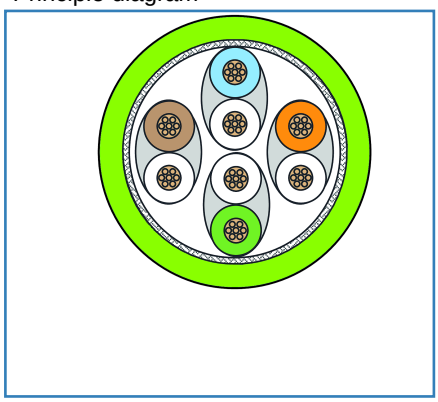
Illustrations



Dimensional drawing



Principle diagram



See enlarged drawings at the end of document

Product specification

- especially suitable for shielded and unshielded class E_A systems
- fully shielded Cat.6_A patch cord AWG 26/7
- two shielded RJ45 connectors; 1:1 assignment
- cable type: S/FTP 4x2xAWG 26/7 PIMF
- cable sheath: LSHF (LSOH), halogen free
- component testing for Cat.6_A acc. to ISO/IEC 11801-1 and IEC 61935-2, certified to GHMT
- class E_A Link up to 500 MHz to ISO/IEC 11801-1, DIN EN 50173-1
- suitable for 10 GBit Ethernet (IEEE 802.3an) and Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- snagless boot with integrated lever protection
- colors may differ slightly due to different protection lots

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Technical Data

General Data

Fields of application	
	Structured building cabling, Office Data center
Design	patch cord
Shielding	shielded
Transmission technology	Copper
Cable Type	S/FTP
Number of twisting elements	4
Twisting element	Pair
Wiring	1 - 1
Color	green
Dimensions	
Dimension - Interface 1 (L x W x H)	50.52 mm x 11.7 mm x 14.97 mm
Dimension - Interface 1 (L x W x H)	1.989 in. x 0.461 in. x 0.589 in.
Dimension - Interface 2 (L x W x H)	50.52 mm x 11.7 mm x 14.97 mm
Dimension - Interface 2 (L x W x H)	1.989 in. x 0.461 in. x 0.589 in.
Cable length (m)	10 m
Cable length (ft)	32.81 ft
Marking option	by cable boot

Transmission characteristics

Category (ISO)	6_A
Class (ISO/IEC)	E_A
Category (TIA)	6A
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
HDBaseT	yes
Transmission rate up to 10 GBit	IEEE 802.3an

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Connections/interfaces	
Connector technology interface 1	RJ45 plug
Connector technology interface 2	RJ45 plug
Number of ports interface 1	1
Number of ports interface 2	1
Number of equipped ports interface 1	1
Number of ports interface 2 equipped	1
Number of positions/contacts interface 1	8P/8C
Number of positions/contacts interface 2	8P/8C
Termination data, stranded wire (min. - max.)	
Conductor cross section, stranded wire	AWG 26/7
Conductor cross section, stranded wire	0.141 mm²
Conductor diameter, stranded wire (bare copper)	0.483 mm
Conductor diameter, stranded wire (bare copper)	0.019 in.
Cable sheath diameter (min. - max.)	
Cable sheath diameter	6.2 mm

Electrical characteristics	
Current carrying capacity	max. 1 A
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 100 MOhm
Dielectric strength conductor-conductor (primarily)	max. 500 V DC
Dielectric strength conductor-conductor (secondary)	max. 500 V DC

Mechanical characteristics	
Position/mounting of latch - standard installation position	top

Materials and material properties	
Material - Cable jacket	LSHF (LSOH)
Material - Plug housing interface 1	PC (polycarbonate)
Material - Plug housing interface 2	PC (polycarbonate)
Material - Contact interface 1	CuSn (tin bronze)
Material - Contact interface 2	CuSn (tin bronze)

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Materials and material properties	
Material - Contact finish interface 1	Au (gold)
Material - Contact finish interface 2	Au (gold)
Material - Contact carriers interface 1	Plastics
Material - Contact carriers interface 2	Plastics
Material - Shield interface 1	CuSn (tin bronze)
Material - Shield interface 2	CuSn (tin bronze)
Material - Shield finish interface 1	Sn (tin)
Material - Shield finish interface 2	Sn (tin)
Halogen free	yes
RoHS	compliant

Environmental conditions	
Temperature (min. - max.)	
Temperature - Storage Â°C	-20 °C - 60 °C
Temperature - Storage Â°F	-4 °F - 140 °F
Temperature - Operating °C	-20 °C - 60 °C
Temperature - Operating °F	-4 °F - 140 °F
Temperature - Installation Â°C	50 °C
Temperature - Installation Â°F	32 °F - 122 °F

Certifications	
GHMT PVP	
GHMT PVP - Period of validity	2020/01/31
Note on GHMT PVP	Tested lengths: 1, 2, 5, 10 and 20 m

The product meets the following standards	
Generic cabling systems	
General requirements	ISO/IEC 11801 Ed.2.2:2011-06 | DIN EN 50173-1:2011-09 ANSI/TIA-568-C.2
Connectors for electronic equipment	
Free and fixed connectors	IEC 60603-7-51
Information technology equipment - Radio disturbance characteristics	DIN EN 55022

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Classifications	
ETIM 5.0	EC001262
ETIM 6.0	EC001262
ETIM 7.0	EC001262

Packing details	
Type of packaging	1 pc(s) / plastic bag
Packaging unit - Weight (gram)	410 g
Packaging unit - Weight (pound)	0.9 lb
Packaging dimension	160 mm x 100 mm x 380 mm
Packaging dimension	6.299 in. x 3.937 in. x 14.961 in.

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METZ CONNECT
We realize ideas

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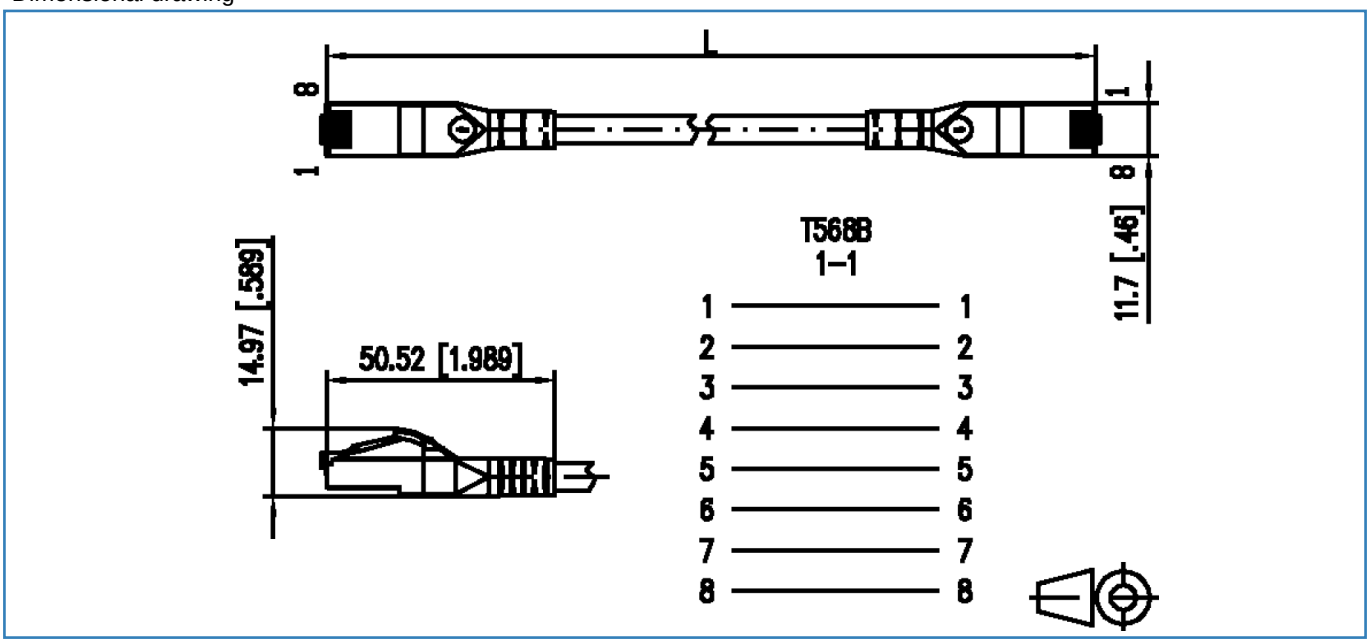
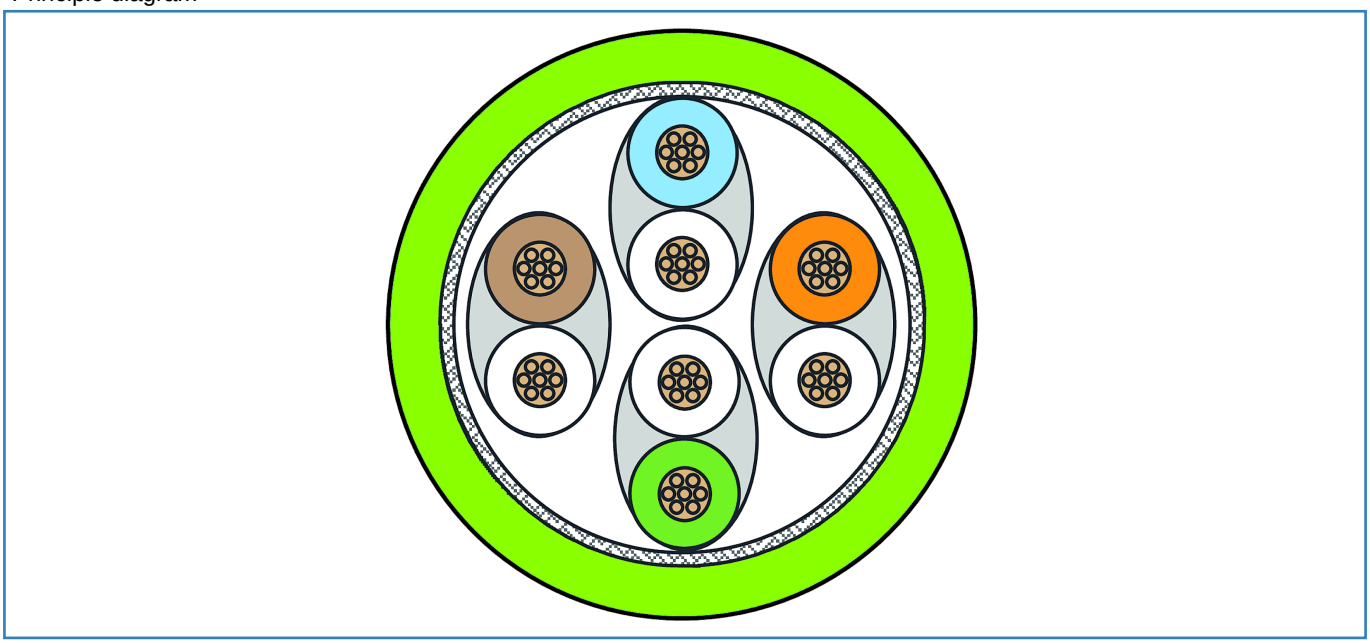


Principle diagram



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