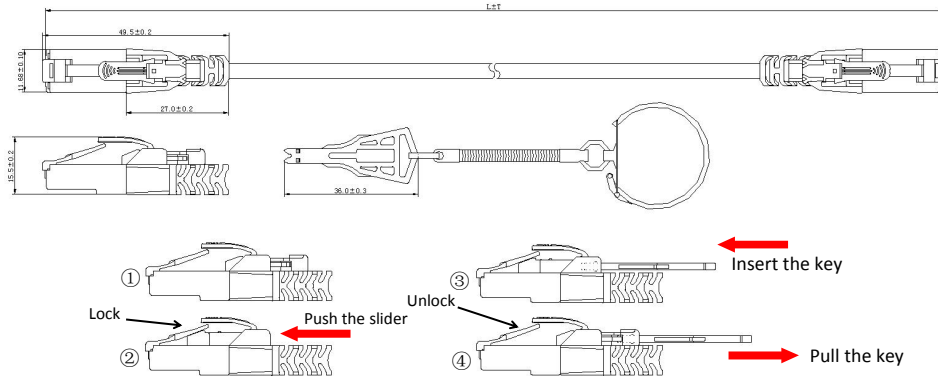
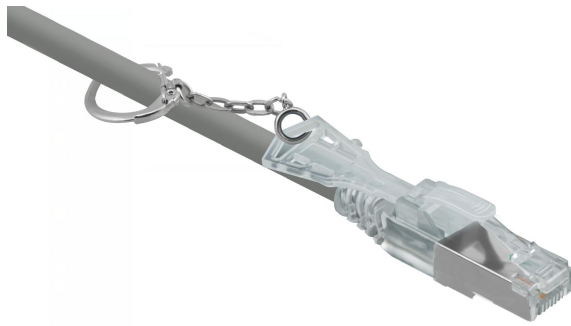


**Cat.6A/CLASS Ea S/FTP Round Patch cord BC LSZH, Flame retardant (IEC60332-1-2), lockable, with latch protection**

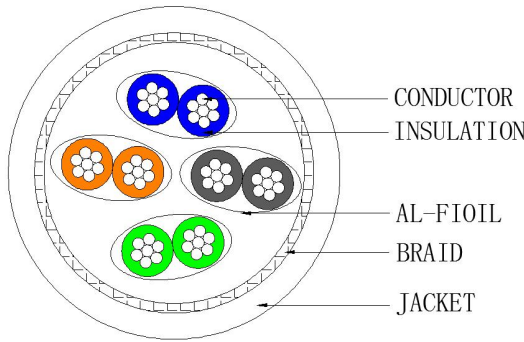


Length(mm)	<500	≥500	> 1000	>2000	>3000	≥5000	≥7500	≥10000
Tolerance	±10	±20	±30	±50	±70	±100	±150	±300

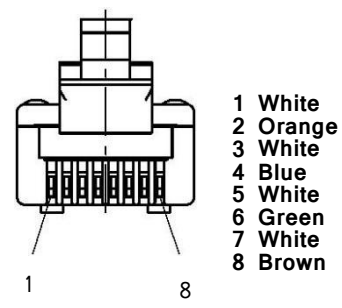
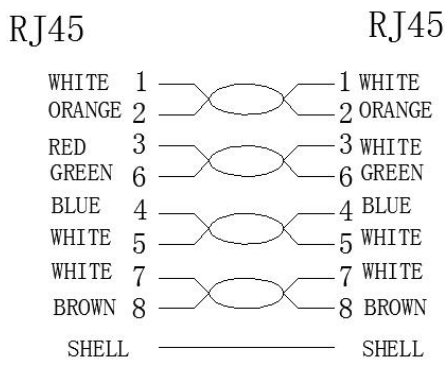
**Strain relief overmolded**



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**Cable structure diagram**



**Connection Diagram 1:1 Pin assignment acc. to ANSI/TIA 568B**

**Cat.6A/CLASS Ea S/FTP Round Patch cord BC LSZH, Flame retardant (IEC60332-1-2), lockable, with latch protection**

Technical Data	
<b>Standards compliant</b>	
ISO/IEC 11801-2018	Class Ea
EN 50173-2018	Class Ea
ANSI/TIA-568.2-D-2018	Category 6A
according to IEEE 802.3af/at/bt	PoE/ PoE + / PoE++
10 Gigabit Ethernet acc. to IEEE 802.3an	Adequate for 10 gigabit Ethernet
Current carrying capacity at 50°C	1A
UL Standard for Communication circuit Accessories	UL 1863
<b>Chemical</b>	
RoHS 2011/65/EU&(EU )2015/863	
REACH ( SVHC 197)	
<b>Electrical</b>	
Insulation resistance	$\geq 500M \Omega$ (+20°C, 100V,DC)
Contact resistance	30 $\Omega$ Max

Connector	
Standard	IEC 60603-7-51
<b>Protection against ingress</b>	
Particulate ingress	IP2X
Water / Immersion	IPX0
<b>Climatical</b>	
Ambient temperature	-40°C to +75°C
<b>Mechanical Characteristics</b>	
Durability (mating cycles)	> 750
Insertion force	< 30N
<b>Materials</b>	
Connector housing	PC crystal clear
PIN	Gold plated 3u"
Strain relief	PC crystal clear

Patch Cable	
Standard	IEC 61156-6 & EN 50288-10-2
<b>Specification</b>	
Conductor	26AWG Bare copper
Structure	S/FTP
Cross	/
Jacket	LSZH IEC60754-2 (Halogen free), IEC 61034 (Low smoke) , IEC60332-1-2 (Flame retardant)
OD	6.0±0.2mm
Cable marking	CAT6A S/FTP 4x2x26AWG/7 LSZH ISO11801 & EN50173 & ANSI/TIA568C.2
Colour of cable marking	Black
Colour of cable marking on black cable	White
<b>Climatical</b>	
Operating temperature	-20°C to +75°C

**Cat.6A/CLASS Ea S/FTP Round Patch cord  
BC LSZH, Flame retardant (IEC60332-1-2),  
lockable, with latch protection**

**Cable Color**

RAL 7035	Pantone 647C	Pantone 199C	Pantone 3278C	Pantone 135C	Pantone BLACK 3C	RAL 9003	Pantone 1575C	Pantone 2725C	Pantone 212C
GREY	BLUE	RED	GREEN	YELLOW	BLACK	WHITE	ORANGE	PURPLE	MAGENTA

**Detail**

Item No.	Length
217370,50	0.5m
217370,11	1.0m
217370,51	1.5m
217370,02	2.0m
217370,03	3.0m
217370,05	5.0m
217370,07	7.5m
217370,00	10.0m
217370,15	15.0m
217370,20	20.0m
217370,30	30.0m
217370,55	50.0m

**Color definition:**

GREY-E, BLUE-B, RED-R, GREEN-G, YELLOW-Y,  
BLACK-S,  
WHITE-W, ORANGE-O, PURPLE-P, MAGENTA-M

**Example:**

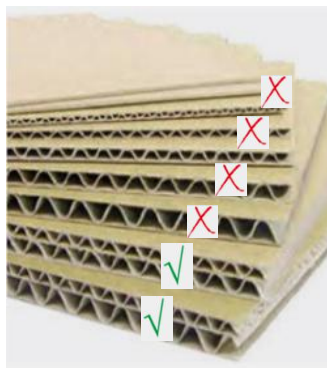
Cat.6A LSZH S/FTP 26AWG BC Lockable 1m Grey---  
217370E,11

\*BOX SIZE: 40\*30\*30cm

**Export carton**

- **Materials:** corrugated paper A+B/A+E(5 layers)
- **Thickness:** 5~8 mm
- **Maximum size:** 50 L x 35 W x 31 H

A+B 5 layers AB浪5層 8 mm



**Export carton label**

- **Materials:** waterproof 、 sunblock.
- **Minimum size:** 4 x 3 cm

**Shipping mark**

No.	RECORD MODIFICATION	DATE	Design	Arvin
			Date	2020/03/31
			Version	V0

Sign:

Data sheet : 217370 - V0-RC