

Category 8 Patch Leads, Contractor Grade, Shielded



Contractor Grade Category 8 Patch Leads, Shielded (SEPZ1/2/3/5/10bkje)

TUK's Category 8 patch leads are designed, manufactured and tested in accordance with the ISO and TIA standards for Cat 8. Ideal as an upgrade to Category 6A and for installation in areas that require high data transfer speeds up to 25Gbps. Designed to maximise performance in a competitive package.

Features

- Transmission performance in compliance with the ANSI/TIA 568C.2-1 specifications for Category 8 cabling systems
- Compliant with IEC60512-99-001 – suitable for use with 4PPoE (IEEE 802.3bt Type 4 PoE++ 100W)
- Compliant with highest current patch cord standard (i.e. Category 6A)
- Consists of 4 twisted pairs of 26 AWG screened stranded cable, so offers greater flexibility in use than 24 AWG
- Terminated with high gold plated RJ45 shielded Category 8 plug
- Individually tested

Specifications

- Colour: Black
- RJ45 plug

Housing: PC, UL 94V-2, transparent clear colour
Contact material: Nickel plated phosphor bronze
Contact finish: 50µ"/1.27µm gold plated on surface contact area
Shield: brass with nickel plating
PCB: UL 94V-0

The structure complies with the IEC60603-7 requirement

TUK Ltd, Unit 4, Wimbledon Stadium Business Centre, Riverside Road, London SW17 0BA

- Strain relief
Cable PC, UL 94V-2, transparent clear colour
Jacket: LSZH
Conductor: 26 AWG/0.405mm stranded copper
Shield: Aluminium/PET foil on each pair, tinned copper clad with steel braid
- Cable structure: Category 8 STP/FTP, 4 twisted pair
- Available in below lengths or to order:
 - 1 metre SEPZ1bkje
 - 2 metre SEPZ2bkje
 - 3 metre SEPZ3bkje
 - 5 metre SEPZ5bkje
 - 10 metre SEPZ10bkje

EAN:

SEPZ1bkje	5055386512550
SEPZ2bkje	5055386512567
SEPZ3bkje	5055386512574
SEPZ5bkje	5055386512581
SEPZ10bkje	5055386512598

Commodity Code: 85444290

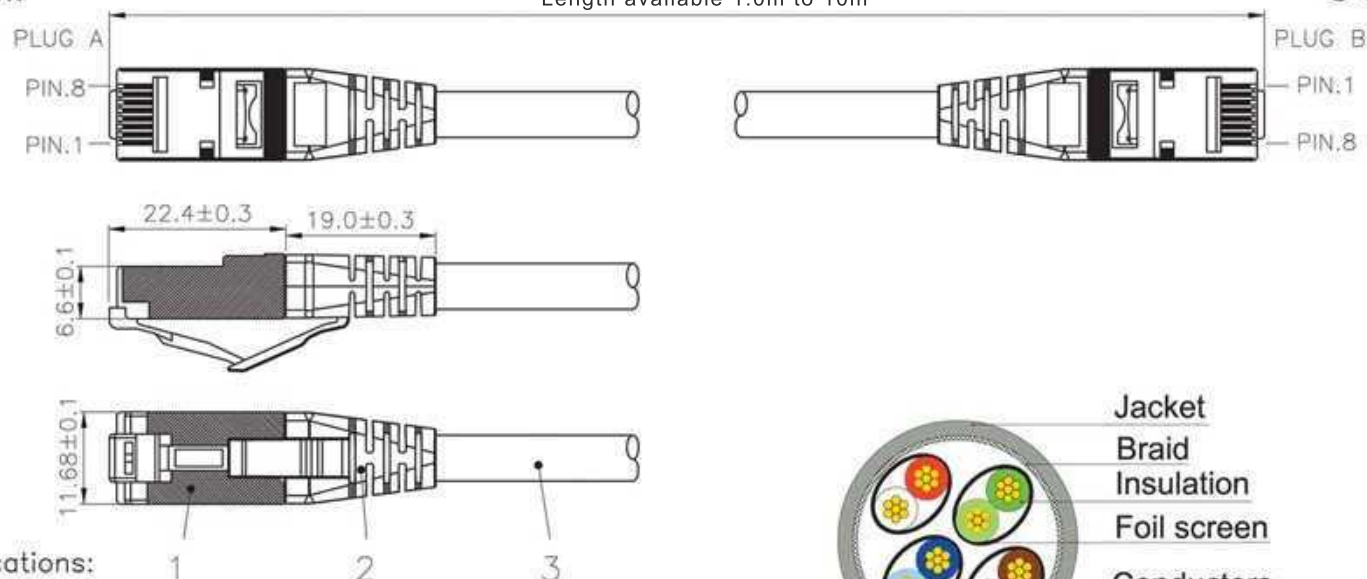
Packaging:

Individually polythene bagged and marked with length

ROHS Compliant

Length available 1.0m to 10m

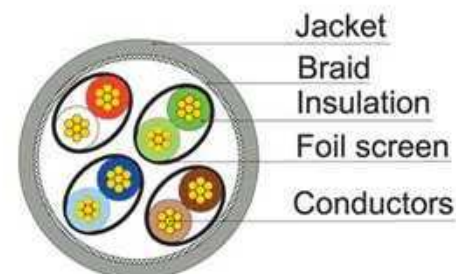
Code: SEPZ*bkje



Specifications:

1. RJ45 plug:
 - 1-1. Housing: 2-layer, polycarbonate, UL94V-2, clear color.
 - 1-2. Load bar: 2-layer, OD 1.0mm, polycarbonate, UL94V-2, clear color.
 - 1-3. Contact pin: Phosphor bronze.
 - 1-4. Shield: Brass with nickel plating.
 - 1-5. Finished: Min. 50µ"/1.27µm gold plating over 50µ"/1.27µm nickel plating on contact area.
 - 1-6. Standard compliances: IEC60603-7 structure and dimensions.
2. Strain relief: Assembly boot, OD 6.5mm, PC, UL94V-2, clear colour
3. Cable:
 - 3-1. C8 S/FTP 4 twisted pairs.
 - 3-2. Jacket OD: 5.9±0.2mm.
 - 3-3. Conductors: 26AWG stranded copper.
 - 3-4. Insulation: Skin-foam-skin PE.
 - 3-5. Shield: Aluminum/PET on each pair.
 - 3-6. Braid: Tin plated copper covered steel wire, min.30% coverage.
 - 3-7. Standard compliances: Fire retardant: UL CM PVC: UL444, LSZH: IEC60332-1-2 or IEC60332-3-24.
4. Patch cord:

Length	Standard	Performance
1/2/3/4/5M	ANSI/TIA-568.2-D ISO/IEC 11801-1 class I	C8 2point channel
1-23m		C8 direct channel
1-30m		C6Aconnecting-hardware
1-30m	IEC61935-2	reliability



Cross section

NO.	Length	Tolerance
1	0.3m-2.0m	+2cm/-1cm
2	2.1m-5.0m	+3cm/-2cm

T568B wiring scheme

PLUG A		PLUG B
DRAIN WIRE 9	—————	9 DRAIN WIRE
BROWN 8	—————	8 BROWN
WHITE BROWN 7	—————	7 WHITE BROWN
GREEN 6	—————	6 GREEN
WHITE BLUE 5	—————	5 WHITE BLUE
BLUE 4	—————	4 BLUE
WHITE GREEN 3	—————	3 WHITE GREEN
ORANGE 2	—————	2 ORANGE
WHITE ORANGE 1	—————	1 WHITE ORANGE

Printing on cable:

LSZH: S/FTP PATCH CABLE 26AWG 4PR LSZH ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8