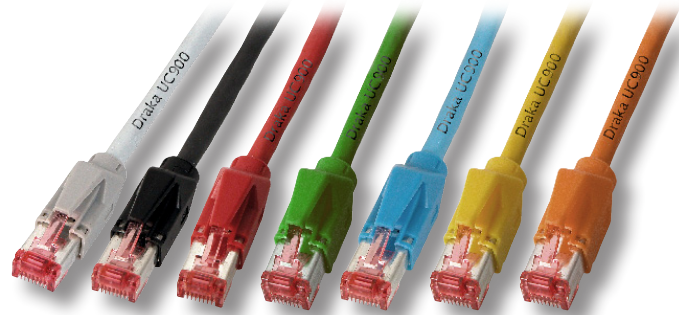


## Cat.6A Hirose TM21 Patch Cable S/FTP



with S/FTP PiMF DRAKA UC900 1000 MHz cable

<b>K8051.x</b>	grey	<b>K8050.x</b>	black	<b>K8052.x</b>	red
<b>K8053.x</b>	green	<b>K8054.x</b>	blue	<b>K8055.x</b>	yellow
<b>K8056.x</b>	orange	<b>K8058.x</b>	white		

- 10 Gigabit Ethernet Cat.6A 500 MHz patch cable
- 2 x Hirose TM21 RJ45 plug STP, shielded, IEC 60603-7-5
- S/FTP 4 x 2 x AWG27/7 PiMF LSZH Ø=5.9 mm
- TIA/EIA 568B coded
- Flame retardant IEC 60332-1, halogenfree IEC 60754-2, low smoke IEC 61034
- Mounted strain relief boot with latch protection
- Class E<sub>A</sub> link certified by GHMT

### Available lengths in metres:

0.5 - 1.0 - 1.5 - 2.0 - 3.0 - 5.0 - 7.5 - 10.0 - 15.0 - 20.0 - 25.0 - 30.0

### Product Specification Plug

- Temperature range: -25°C .. +60°C (Operating + storage)
- Voltage: 125 V AC
- Current rating: 1 A

### Electrical specification

	Conditions	Specifications
Contact resistance	100 mA (DC oder 1000 Hz AC)	230 mΩ max.
Insulation resistance	100 V DC	100 MΩ min.
Withstanding voltage (between adjacent contacts)	500 V AC für 1 min.	No flashover or insulation breakdown
Withstanding voltage (between contact and shield)	1500 V AC für 1 min.	No flashover or insulation breakdown

### Mechanical specification

Durability (mating/un-mating)	200	Contact resistance: 250 mΩ max.
Vibration	Frequenzy 10 Hz .. 55 Hz, Single amplitude of 0.75 mm, 2 hours / 3 axis	No electrical discontinuity >= 5 µs, Contact resistance: 250 mΩ max.
Shock	Acceleration of 490 m/s <sup>2</sup> , 11 ms duration, sine half-wave waveform, 3 cycles in each fo the 3 axis	

### Environment specification

Humidity	40°C, 90 .. 95%, 500 h	Contact resistance: 250 mΩ max. Insulations resistance: 1 MΩ min. (high humidity) 10 MΩ min. (dry state)
Temperature cycle	Temperature: -55°C > 5°C .. 35°C > 85°C > 5°C > 35°C Zeit: 30 > 10 .. 15 > 30 > 10 .. 15 min 5 cycles	Contact resistance: 250 mΩ max. Insulations resistance: 100 MΩ min.,
Salt spray	Exposed to density 5 % salt water for 48 h	Contact resistance: 250 mΩ max.

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