

Cat.6A Hirose TM21 Patch Cable S/FTP



with S/FTPPiMF DRAKA UC900 1000 MHz cable

CK-PK05-xxxSW	schwarz	CK-PK05-xxxGN	grün	CK-PK05-xxxBL	blau
CK-PK05-xxxGR	grau	CK-PK05-xxxOR	orange	CK-PK05-xxxWS	weiss
CK-PK05-xxxRT	rot	CK-PK05-xxxGE	gelb		

- 10 Gigabit Ethernet Cat.6A 500 MHz patch cable
- 2 x Hirose TM21 RJ45 plug STP, shielded, IEC 60603-7-5
- DraKa UC900 S/FTP 4 x 2 x AWG27/7 PiMF LSZH Ø=5.9mm
- TIA/EIA 568B coded
- Flame retardant IEC 60332-1, halogenfree IEC 60754-2, low smoke IEC 61034
- Mounded strain relief boot with latch protection
- Class E_A link certified by GHMT

Available length in metres:

0,5 = 005	3,0 = 030	10,0 = 100	25,0 = 250
1,0 = 010	5,0 = 050	15,0 = 150	30,0 = 300
2,0 = 020	7,5 = 075	20,0 = 200	

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 ² , 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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