

RJ45 Patch Cord Equipped with RFID transponder



RFID



Intelligent



FUTURE-PATCH® at a glance



- wireless identification of patch cords through RFID technology
- planning and documentation of patch cord status in real time
- maximisation of the operational safety and minimisation of down times
- integrable into existing DCIM solutions
- AIM ready - retrofitable onto existing copper and fibre patch panels
- improvement of IT staff efficiency



Management
System
ISO 9001:2015

www.tuv.com
ID 9108614403

Technical specification

General

Length of cable standardised: 1 m, 2 m, 3 m, 4 m, 5 m, 7 m, 10 m
Standards ISO/IEC 11801 Ed.2.2 2011-06

Characteristics of the cable

Type of cable TKM PK9 Cat.7 4P AWG 27/7
Standards EN 50173-1; EN 50288-4-2; ISO/IEC 11801; IEC 61156-5; IEC 60332-1; IEC 60754-2;
IEC 61034 PoE+ acc. to IEEE 802.3at LSHF (FRNC) acc. to IEC 60332-1 (flame-retardant),
IEC 60754-2 (non-halogen), IEC 61034 (low-smoke)

Characteristics of the connector

Type of connector Hirose TM31 (Cat.6_A)
Features Latch protection, cable jacket is non-halogen, equipped with RFID transponder for unique
cable ID with optional feature: cable related data e.g. length, Cat.6_A etc.

Certificates

CE conformity



DOWNLOAD



Environmental

Operating environment 0 - +40 °C (+32 - +104 °F)
Storage temperature -20 - +85 °C (-4 - +185 °F)



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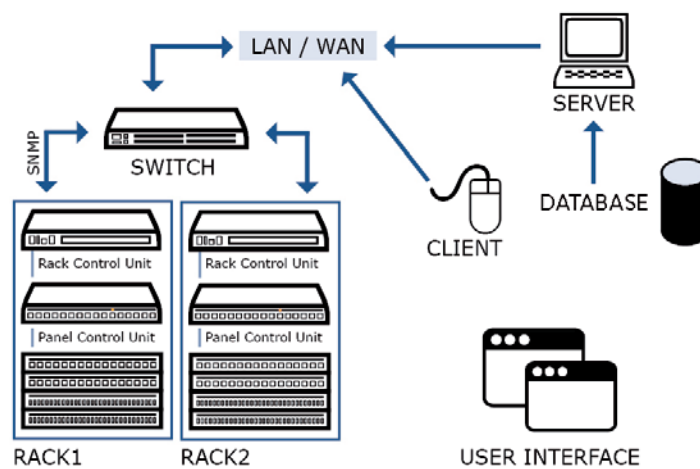
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Description

Abstract / Customer Value

- RJ45 patch cords manufactured by TKM are designed for structured networks according to ISO/IEC 11801 or DIN EN 50173-1
- in combination with high quality tertiary cabling the performance of the TKM patch cords enable a class E_A permanent link up to 500MHz according to ISO/IEC 11801 Amendment 2 and IEEE 802.3an (10G Base-T)
- colour of cable: grey
- colour of moulding: black
- equipped with RFID transponder
- optional feature: RFID transponder with cable related data such as: length of the cable, type of category etc.



Ordering information

Part number	Product description
5228127XXXFP	FUTURE-PATCH® RJ45 patch cord equipped with RFID transponder and unique cable ID, shielded RJ45 connector on both ends, Cat.6 _A for 10 GB Ethernet applications, fully moulded boot Cable: TKM PK9 Cat.7 4P AWG 27/7, non-halogen Colour of cable: grey Length: XXX (e.g. 010 for 1.0 m)



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