



### 1. KEY FEATURES

Patch cable with antenna for remote detection of RFID transponders  
RFID transponder for RJ45 server ports  
Contactless identification of server ports

### 2. CABLE

Connector : Hirose TM21 (RJ45, Cat.6)  
Cable unit : TKM PK9 Cat. 7 4P AWG 27/7 with integrated additional two copper wires for the transfer of the RFID signal  
Available lengths : 1 m – 2 m - 3 m  
Standards : EN 50173-1:2007; EN 50288-4-2; ISO/IEC 11801:2002; IEC 61156-5; IEC 60332-1; IEC 60754-2; IEC 61034  
Can achieve a Class EA channel link of up to 500MHz, according to the current draft standards ISO/IEC 11801  
Amendment 1 and IEEE 802.3an (10G BaseT)

### 3. TRANSPONSEUR HOUSING

Cat.6 RJ45 adapter (plug with shorted snagless [no manual remove]/ socket), with integrated RFID transponder, length: 10 cm (4 inches), also available as RJ45 clip (port physics allowing)

### 4. COMPATIBLE SERVER TYPES

Any server type with RJ45 port (HP, IBM, DELL, etc.)

### 5. RFID TRANSPORTER

Type : 13.56 MHz, read/write, Factory programmed with a unique cable ID  
Features : Optionally programmable with additional information, e.g. type, length and colour of the cable  
Standards : According to ISO 15693

### 6. ENVIRONMENTAL

Operating environment : 0 - +40 °C  
Operating relative humidity : 0 - 95%, non-condensing  
Operating elevation : 0 - 3000 meters  
Storage temperature : -20 - +85 °C  
Storage relative humidity : 0 - 95%, non-condensing  
Storage elevation : 0 - 15000 meters