

**KWS** | ELECTRONIC TEST  
EQUIPMENT GMBH

# Network technology

Passive components for data networks

**TKM**  
TELEKOMMUNIKATION  
UND ELEKTRONIK GMBH



# — Fiber and copper connectivity



With passive components for copper or fiber optic network technology, the German manufacturer TKM has set the highest standards for intelligent data networks in all areas of application of structured cabling since its foundation in 1986. And over the years, it has become the leading manufacturer of integrated cabling solutions.

With the comprehensive TKM product range, we can also cover all requirements in the field of passive transmission technology and network components: from simple patch cables to complex pre-assembled cabling systems.

Here, too, you can benefit from German engineering, which is used in a large number of renowned network facilities (companies, data centers, industry and carrier networks)—and which has redefined quality standards.

These highest quality standards are not only documented by numerous certificates, but are also reflected in a remarkable guarantee: When installed by trained specialists, the optiLAN guarantee declaration granted by TKM comes into effect with a functional guarantee of 25 years!

## Fiber

Wide range of fiber optic transmission technology products: patch cables, pigtails, splitter cables, distribution panels, outlets, modules/assemblies, surface-mounted splicing distributors, hybrid solutions, splicing accessories, splitters/TAP modules and couplings.

## Copper

Large assortment of permanent link (STP/UTP) and on-site components for CAT 8, CAT 6A and CAT 6 as well as a variety of accessories ranging from data sockets to 19" equipment.

— High quality products create real and tangible added value.  
A claim that TKM shares with KWS.  
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You can get a complete overview and further information about this range on our website: [www.kws-electronic.com](http://www.kws-electronic.com), menu item "Network".

For inquiries please contact us:  
00 49 .(0) 80 67 .90 37-0 or [info@kws-electronic.de](mailto:info@kws-electronic.de).

# Systemic and individual solutions

With us, you get the entire TKM product range. In addition to components for fiber optic and copper connectivity:

Cabling systems or trunk cable solutions as pre-assembled systems in cassette technology for fiber optic and copper, connection technology for MPO/MTP® and URM® as well as cable dividers.

There are also telephone and special distribution panels as well as special cables: champ cables, industrial connection cables, telephone cables, adapter cables, SUB-D cables and many more.

Whatever you need: TKM assembles according to your specifications: flexible and fast.

# Automated Infrastructure Monitoring (AIM)

TKM's AIM ready concept combines classic connectivity with future-oriented monitoring technology—in a unique tool-free upgrade concept.

AIM ready stands for patch panel technology that is installed today and can be upgraded with scanner technology for port and patch states at any time later. This can even be done during operation by attaching two electronic components using Plug & Play technology.

TKM's AIM ready products already meet future standards, plans for which indicate further standardization in the IT environment. AIM ready is therefore a basis for project/process security (e.g. according to ITIL or ISO 20000 standard) and data security (e.g. according to ISO 27001).





# optiLAN guarantee declaration

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You can offer  
your customers a  
25-year system  
guarantee—at  
no risk to you.  
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This program from our partner TKM illustrates our common quality standard. And enables you to provide your customers with a 25 year guarantee without any risk on your part. This is a strong argument in winning new orders and at the same time the opportunity to participate in tenders that require such a guarantee—without taking any risks yourself. We strengthen your back and help you to find new opportunities!

A modern automated production line and continuous electrical and optical quality controls ensure an optimal production result of all components that are matched to each other.

In construction, we attach great importance to both practical relevance and uncompromising quality. In this way, enormous time and cost savings can be achieved when using the products.

The products are also designed to be extremely robust and durable. However, an excellent product alone is not enough to achieve an outstanding and sustainable result. To achieve the guaranteed values of the overall system, the professional installation of the components used is just as important.

The specialist knowledge for the installation can be acquired in a one-day seminar at TKM or also at KWS.

Afterwards, both the specialist company and the participant receive a corresponding certificate. With this certificate, you can participate in the optiLAN program with the object of your choice and offer your customers a 25 year system warranty. Together we guarantee the highest quality, sustainability and investment protection.

When planning and constructing networks, care must be taken today to ensure that tomorrow's requirements are also met. In order to create sustainable solutions, consistently high quality is required over the years.

With this in mind, TKM successfully introduced the optiLAN cabling system as early as 1994.



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Errors excepted.  
The information in this catalogue is subject to change without notice.  
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