SUPERMOON

Powering modern work and life

Nexans Cabling Solutions

Nexans

Fiber Cables & Solutions

I. Fiber Cables

A full spectrum of fiber cables delivering premium performance and reliability are available:
- Tight buffer/loose tube constructions
- PE/LSZH
- Rodent resistant/dielectric
- TB/UG/UC/ZC/Micro-Bundle

Tight Buffer Indoor

Micro-Bundle Universal

UC Indoor/Outdoor LSZH Cable

Series	Product	Features
LANmark-OF	OM1	• Multimode fiber with overfilled bandwidth of 200 Mhz.km at 850nm and 500 Mhz.km at 1300nm for data transmission at short to medium distances
	OM2	• Multimode fiber with overfilled bandwidth of 500 Mhz.km at 850/1300nm for high data volume transmission at short to medium distances
	OM3	• Multimode fiber with effective modal bandwidth of 2000Mhz.km for 10GB/s Ethernet LAN applications up to 330m
	OM4	• Multimode fiber with effective modal bandwidth of 4700Mhz.km for 10GB/s Ethernet LAN applications up to 550m
	OS2	• Singlemode cable with full spectrum fiber for laser use in wavelength range of 1260 to 1625nm • Reliable long-term low attenuation at 1383nm water peak region, fiber allow operation in the expanded band (wavelength across 1360 to 1480nm)

II. Accessories for Fiber Solutions

Fiber Panel

SC Snap-in Adaptor

LC Snap-in Adaptor

LC Connector

Slimflex Patch Cord: its 7.5mm bend radius helps reduce risk of failure due to over bending

SC Snap-in Adaptor Duplex

High Density Slimflex Cord: its pull tab design allows easy patch cord removal even in highly populated patch panels

III. MPO & Pre-term Fiber Solutions

The assemblies provide outstanding cable performance by combining high bandwidth fiber with enhanced performance connectors.

Advantages:

• Significantly reduces installation time and cost, while guarantees full scalability and long-lasting reliability for every situation
• Enables fast network deployment without requiring specialized termination training, consumables and toolkits
• Designed to fulfill customer requirements on cable length, connector type, fiber grade and fan-out size

Components of pre-term fiber solutions:

MPO Fiber Trunk Cables

MPO Fiber Trunk Cable

Pre-term MPO-MPO Trunk Cable

Plug & Play MPO Modules

Plug & Play MPO Modules

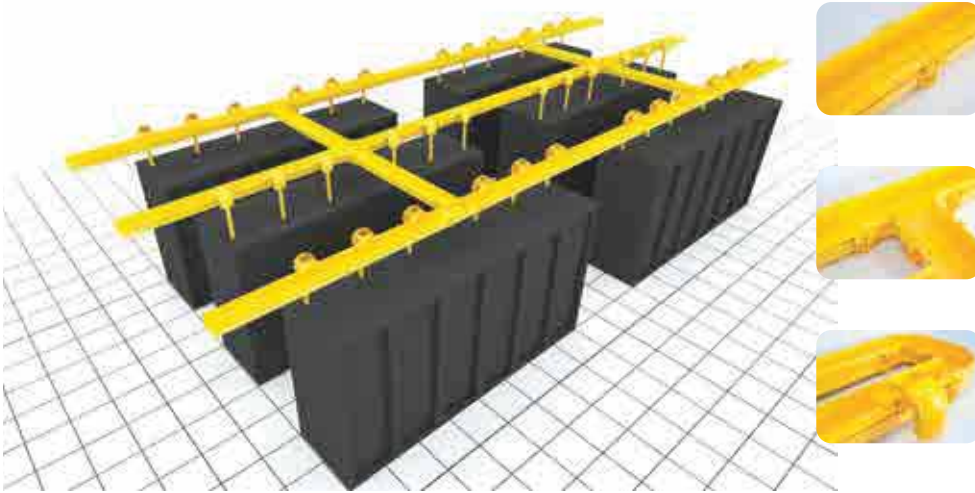| Plug & Play and Pre-loaded High Density Patch Panels |
| --- |

Pre-term Fiber Panel

MPO Fiber Panel

IV. Nexans Fiberway Fiber Cable Tray System

The system is designed to protect fibers or high performance data cables from damage, leading to interruption of data transmission.

V. LANactive

LANactive is a series of structured cabling using fiber-to-the-office (FTTO) topology and active switches to provide standard Ethernet services to devices via standard copper-based RJ45 technology, bringing **cost benefits in environments such as:**

• Long distances within the building
• Space restrictions for floor distributors or cable trays
• Refurbishment with minimum disruption
• Redundancy at user level

Using FTTO topology to construct fiber optic network

LANactive

GigaSwitch V3:
secure Gigabit Ethernet networks in FTTO environments

Copper Cables & Solutions

I. Copper Cables
A full range construction of PVC/LSZH copper cables for selection:
- UTP
- FTP
- STP

LANmark-7A Cable

Series	Product	Features
LANmark	Cat5e	• Performance exceeds basic standard requirement, up to 155MHz
	Cat6	• Performance exceeds basic standard requirement, tested to 350MHz
	Cat6A	• Ideal solution for 10 Gigabit Ethernet network with performance up to 500MHz • Screened cables to ensure immunity from Alien Crosstalk and other external interference
	Cat7/7A	• A 4-pair S/FTP solution with individual foiled pairs & an overall braid offering superior performance • Optimized for use with LANmark-7A GG45 connector, backward compatible with all range from Cat5e to Cat6A • Small outer diameter, easy to install due to a tight foil construction

II. Accessories for Copper Solutions

LANmark-6A RJ45 Module Connector

LANmark-7A GG45 Patch Cord

Uniboot Patch Cord

Snap-in Angled Patch Panel

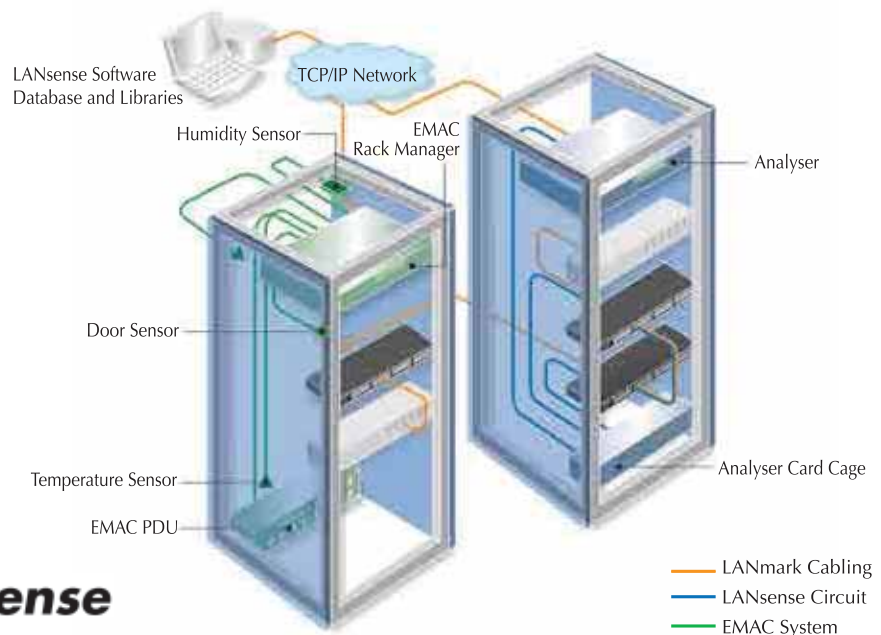## III. Intelligent Infrastructure Management (IIM)
LANsense is an intelligent infrastructure management solution. It is an internet enabled hardware and software package which can automatically discover and monitor network connectivity in real-time.

Advantages:
- Network connections are secure
- Connectivity documentation is always 100% accurate
- Vendor-independent and can be retrofitted to existing systems

IIM Software

LANsense Software Database and Libraries

TCP/IP Network

Humidity Sensor

EMAC Rack Manager

Analyser

Door Sensor

Temperature Sensor

Analyser Card Cage

EMAC PDU

— LANmark Cabling
— LANsense Circuit
— EMAC System

Basic Structure

LANsense

Applications

Nexans LAN products and solutions are commonly used in:
- Airports
- Data Centers
- Financial Institutes
- Hospitals
- Hotels
- Offices
- Server Rooms
- Telecom Operators

for maintaining data transmission stability and efficiency.

Data Center

Hotel

Office

Airport

Technical Support & Warranty Service

Supermoon provides one-stop technical support to customers, while Nexans offers a 25-year warranty directly to end-users with guarantee on:
- Passive parts
- Link & channel performance exclusively with Nexans components

Nexans

Nexans is a listed corporation with over 100 years of cable manufacturing experience in France. It is the global expert in the cable industry offering an extensive range of cables and cabling solutions for infrastructures and commercials. More information at www.nexans.com/lansystems
Nexans is represented on all of the main standards bodies involved in structured cabling and networking, a few of which are listed below.

Supermoon

Supermoon is the authorized distributor of Nexans Cabling Solutions (LAN) in Hong Kong and Macau providing a wide range of copper and fiber cabling solutions that help IT and technical professionals maintain reliability and efficiency of data transmission. More information at www.supermoon.hk

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