

ITMAX

Your data in good hands.



High Availability
Minimizes
downtime risks



**High Density and
Operational Efficiency**
Lower energetic cost



Performance
Performance and high
transmission rates



Management
BIM architecture within
management software



Future-Proof
Modular solutions enabling
growth and migration



Support and Services
Project Follow-up
and 25-year Extended
Warranty

ITMAX is already operating
in different corporations.

**BANKS
AIRPORTS
PUBLIC
BUILDINGS**

**HOSTING/COLOCATION
INDUSTRIES
TELECOM
OPERATORS**



Talk to us

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Data Center ITMAX



Revision 1 - October/22. Photos for illustration only. The products may be changed without prior notice. Always check at your Furukawa reseller.

**Innovation for high
performance connectivity**



From design to troubleshooting.
From infrastructure to cabling.
From installation to management.

ITMAX Furukawa.

HYPERSCALE
DC

ENTERPRISE
DC

ENTERPRISE
DC

EDGE DC

Watch the
solution video:

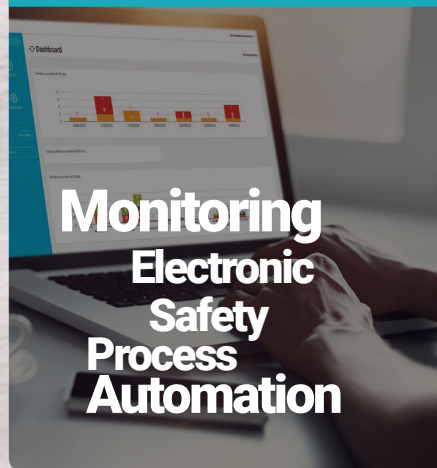


Infrastructure solutions for different deployments.

Enterprise



Edge

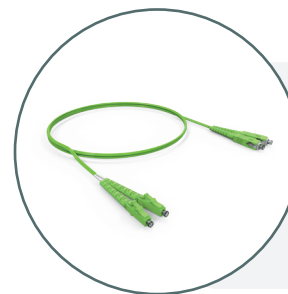


Hyperscale



Optical Solution

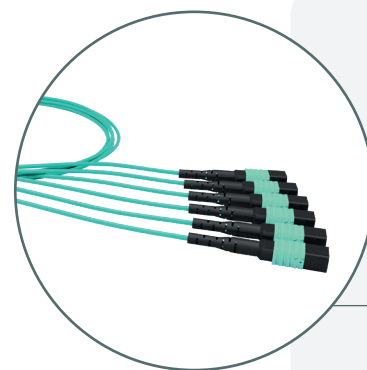
An optical Data Center supports current and future deployments, in addition to providing gains of space and reducing power consumption. Check out the Furukawa optical innovations for your Data Center.



OM5 Multimode Solution

Expanding the multimode transmission capacity.

- Fully compatible with OM4 fiber;
- Links of 100 Gbps up to 150 m using two fibers with LC connectors;
- Use of a single infrastructure for current and future transmission rates.



Base 8 MPO

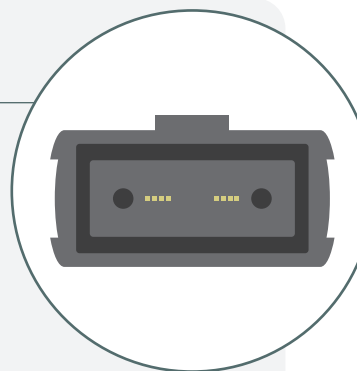
Higher transmission speed.

- Supports new 40/100/200/400 Gbps transmission speeds;
- Improved connection flexibility;
- Services, Breakouts, Cassettes and MTF Cords.

Pre-terminated Cables

Making operation easy.

- Connectorized at both ends;
- Easy installation and maintenance;
- Factory-certified product;
- Up to 144F in 200 meters.



Copper Solution

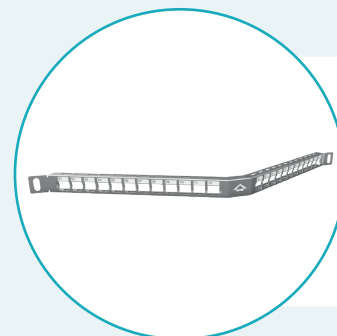
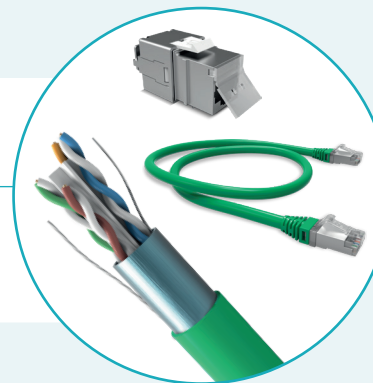
High-performance solutions for structured copper cabling, which exceeds the normative standards and assure the network's performance up to 40 Gbps.

GigaLan Augmented

Higher speed in copper.

- Category 6A and Category 8* solutions;
- Withstands transmission speed of up to 40 Gbps;
- Green sugarcane-based cable cover for CAT.6 and CAT.6A solution.

* Upon availability.



Patch Panel 1/2U

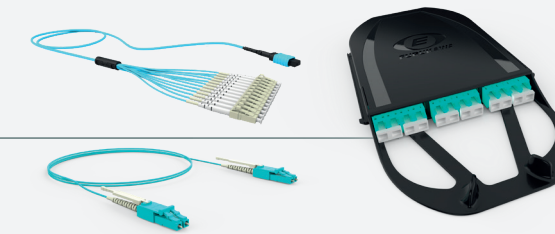
Increasing the density of your rack.

- 24 1/2U ports;
- Angular and straight option;
- Armored or non-armored solution;
- 1/2U cable guides.

Premium MPO Line

High performance standard and flexibility when selecting topology.

- Low loss in the MPO channel;
- Support to the new transmission speeds 40/100/200/400 Gbps;
- Cross-connect topologies.



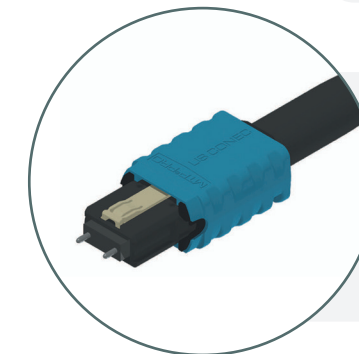
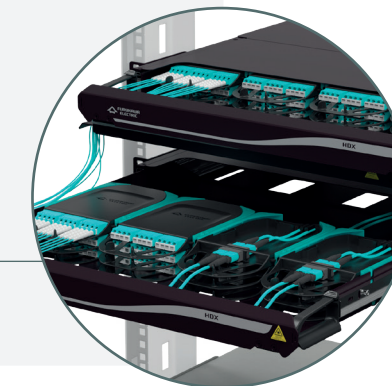
High-Capacity Fiber Solutions

UHD - Ultra High Density

- Capacity for up to 144 F in 1U (fusion/pre-terminated);
- Modularity of 24F per cassette;
- LC, SC and MPO connector option;
- Exclusive cord handling system.

HDX - High Density

- Serves up to 144F in 1U (pre-terminated);
- Easy access and identification of the fibers;
- Modularity of 12F per cassette.



Premium Universal MPO Connector

Flexibility in your infrastructure.

- Gender (male/female) and polarity (type A/type B) change in field;
- Low loss line;
- For fiber SM-OS2 (BLI), MM-OM4 and MM-OM5.



Check out
our optical
cleaning tools!

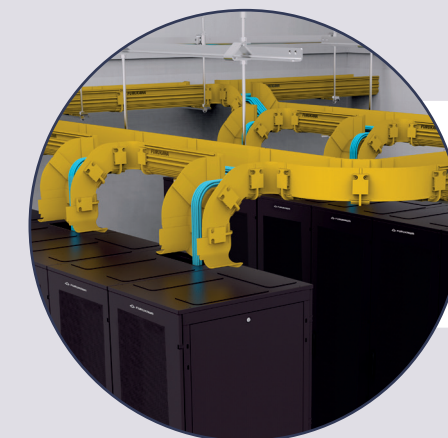
Management

Organization and protection for the cabling of your data center.

ITMAX Racks

Design, organization and simplified maintenance.

- Open and closed racks;
- Cable guides, trays and closing panels.



ITMAX Troughs

Cable guiding, distribution and protection.

- Without sharp edges.
- Accessories for splicing, fixation and crossing;
- Width from 50 to 600 mm;
- Made of ABS, halogen-free.