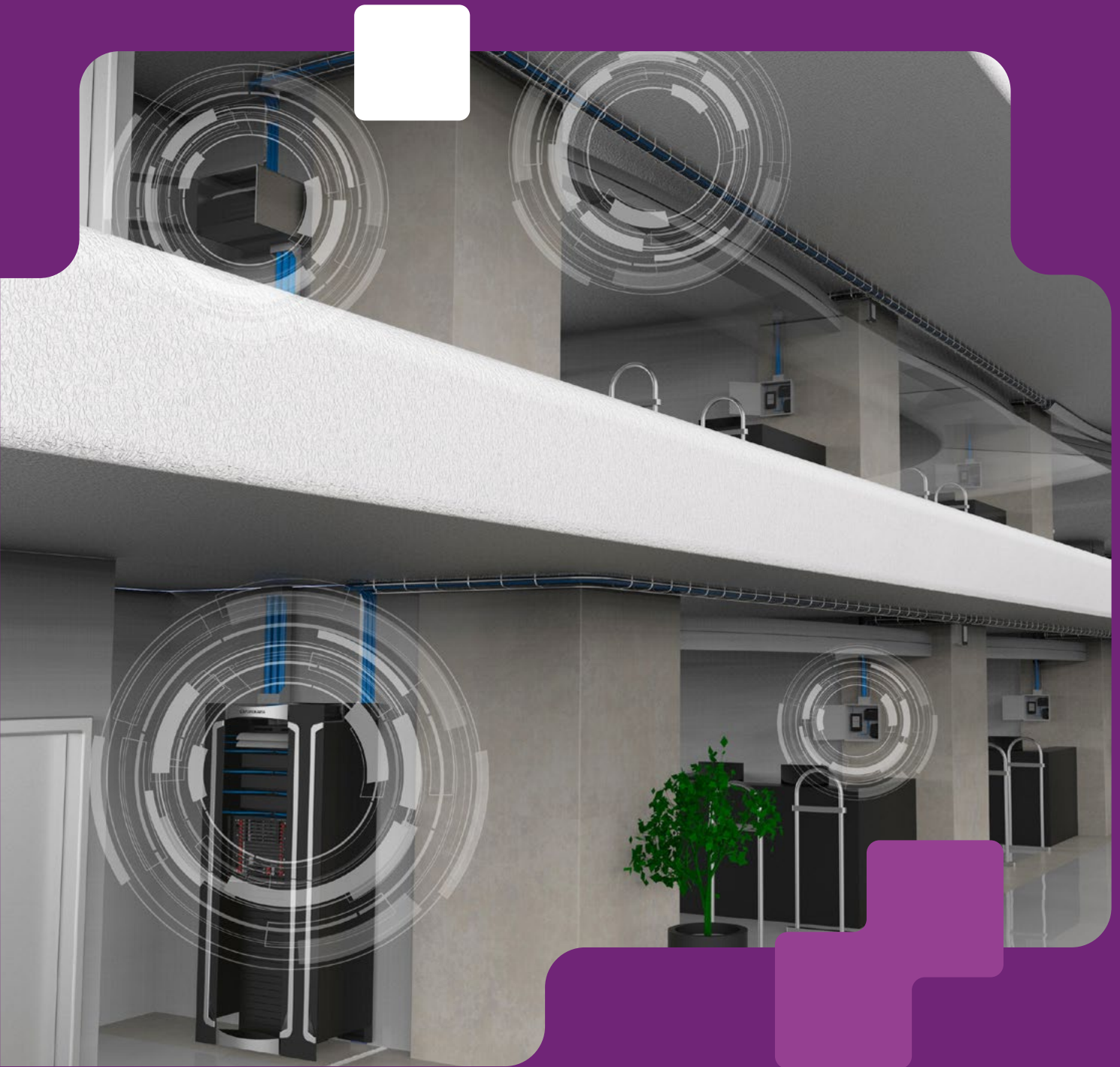


LASERWAY



**100% optical solution for your
communication network.**

 **FURUKAWA
ELECTRIC**

What is Laserway?

Laserway is a fully optical solution for your business network!

Laserway solution is based on **GPON technology**, providing **IP connectivity**, which fits multiple cabling environments. It combines handling easiness, modularity, infrastructure reduction and a modern passive network.

INDUSTRIES
LOGISTICS
UNIVERSITIES

**PUBLIC
SECTOR**

BUSINESSES
CALL CENTERS
AIRPORTS
HOTELS

**Laserway
Manager**

NEW!

**MANAGEMENT
SYSTEM**
Monitor
and configure
in a single
interface

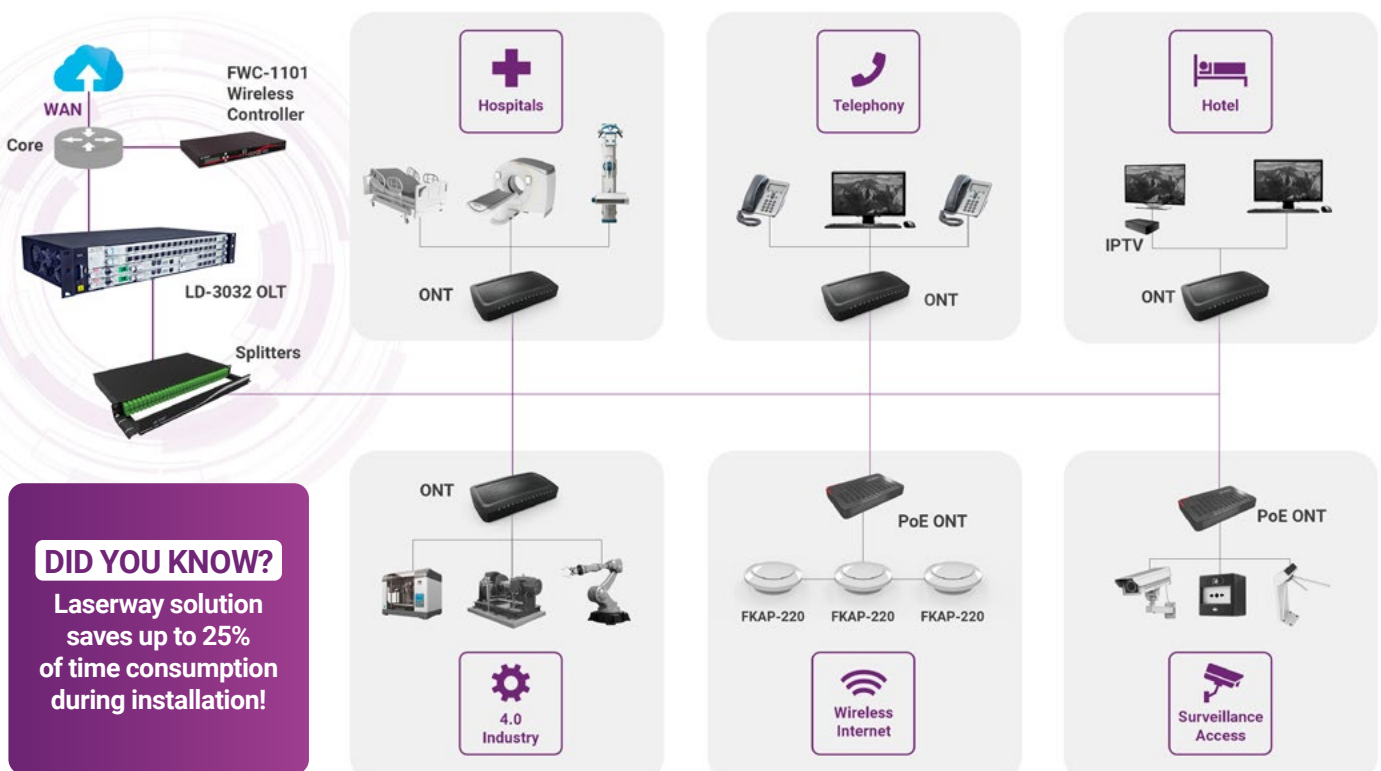
A Furukawa
solution with intuitive
graphical interface:

- ✓ Allows configuration of the ONT ports in a way similar to the interface of a switch;
- ✓ Ease of use and provision of ONTs;
- ✓ Monitoring of active equipment (OLTs and ONTs).

Why should you use Laserway solution?

Savings and convenience allied to control and monitoring of your POL (Passive Optical LAN) network.

More work areas and more productivity for your company. You save costs, energy and centralize your bandwidth's control, while reducing infrastructure.



Laserway's Differentials



Innovation and Technology
Fully Optical
Structured Cabling Network



Green and Efficient Network
Reduction of Power
Consumption
Infrastructure Optimization



Future Proof Technology
Optical infrastructure with
terabits per second (Tbps)
capacity



Flexible Infrastructure
Easy to handle
and expand



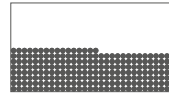
Logical and Physical Security
Native Standard Cryptography
Carrier standard of Reliability
Electromagnetic Immunity



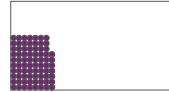
Optimized Operation
Centralized Control
High Availability

Your network more efficient and sustainable!

Simulation of duct occupation:



Traditional Network
240 CAT. 6 cables
Cable mass: 42 kg/km
Each 100 m = 1.008 kg



Laserway Network - Distribution Cabling
60 01F SC Pre-terminated Optical Patch Cords
87% less occupation
Cable mass: 10 kg/km
Each 100 m = 60 kg (94% less)



Laserway Network - Backbone Cabling
5 12F Pre-terminated MPO Cables
97% less occupation
Cable mass: 40 kg/km
Each 100 m = 20 kg (98% less)

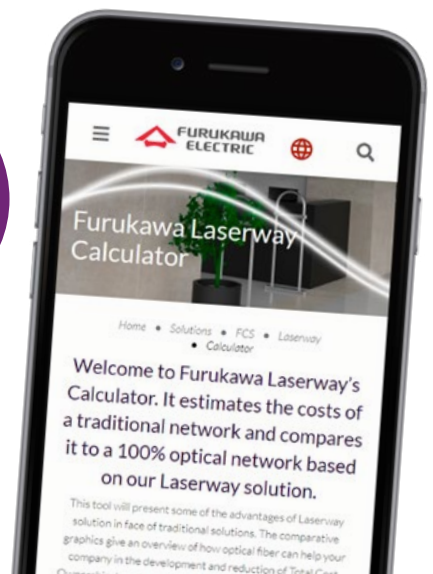


The solution allows optimizations of up to*:

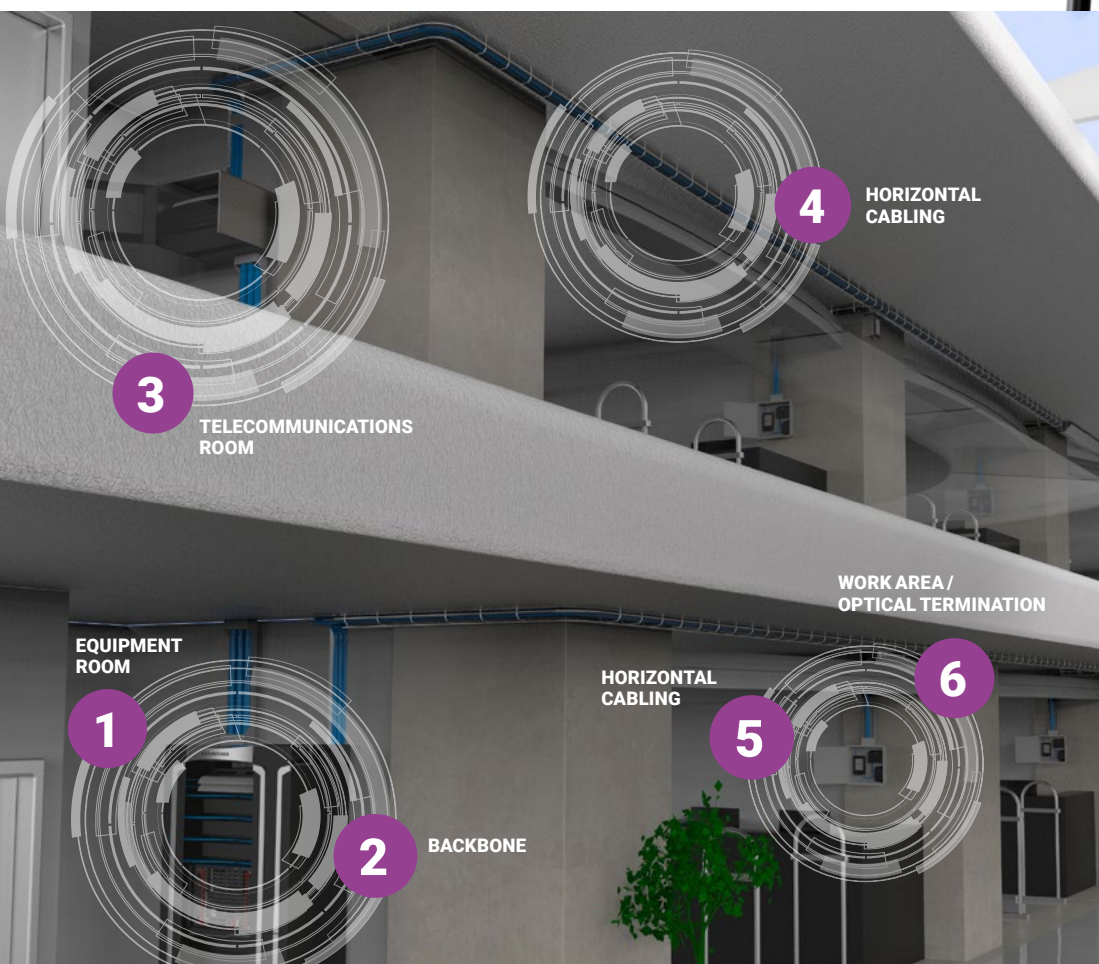
70% savings on cables
80% savings on plastic
35% savings on racks
70% savings on space
70% savings on power
95% savings on door

* Values may vary according to each project.

Calculate and prove!



Laserway example for your business:



Scan to watch
Laserway's
video:



SERVICES & WARRANTY

- Consultative sales and projects
- Start-up
- Extended warranty
- Furukawa Institute of Technology

Consult and hire:



For further information, scan:



PRODUCTION CENTERS

Americas

USA

OFS FITEL LLC
10, BrightWave Blvd. - Carrollton -
GA, USA
ZIP: 30117
Phone: +1 888.342.3743
Phone: +1 770.796.5555 (outside USA
and Canada)

Brazil

Furukawa Electric LatAm S. A.
R. Hasdrubal Bellegard, 820
Cidade Industrial - Curitiba/PR, Brazil
ZIP: 81460-120
Phone: +55 41 3341-4200

Argentina

Furukawa Electric LatAm S. A. Sucursal
Argentina
Ruta Nacional 2, km 37.5 - Centro
Industrial Ruta 2 - Berazategui - Provincia
de Buenos Aires, Argentina
ZIP: B1864AGA
Phone: +54 22 29-49-1930

Colombia

Furukawa Industrial Colombia S. A. S.
Kilometro 6 via Yumbo-Aeropuerto -
Zona Franca del Pacifico - Lotes 1-2-3
Manzana J, Bodega 2 - Palmira, Valle del
Cauca, Colombia
Phone: +572 280-0000

Mexico

Furukawa Electric Industrial Mexico
S. de R.L. de C.V.
Avenida Circulo de la Amistad, 2690,
Parque Industrial Mexicali IV - 21210 -
Mexicali - B. C. - Mexico

Europe, Middle East and Africa

Germany

OFS FITEL Deutschland GmbH
August-Wessels-Strasse 17
Augsburg, Germany
ZIP: 86156
Phone: +49 20 7313-5300

Russia

OFS Sviazstroy-1 Fiber Optic Cable Company
Street Zavodskaya, 1, Industrial Park
"Maslovsky" Novosmansk district, Voronezh
ZIP: 396333
Phone: +7-473-233-0500

Asia Pacific

Japan

Furukawa Electric Co.
Mie Works
20-16, Nobono-cho, Kameyama-shi
Mie Prefecture, Japan
ZIP: 519-0292

Thailand

Thai Fiber Optics Co., Ltd.
No.191 Silom Complex Building, 16th floor,
Units 4, C - Silom Road, Kwaeng Silom,
Khet Bangrak, Bangkok, Thailand
ZIP: 10500
Phone: +66-2-658-067

Indonesia

P. T. Furukawa Optical Solutions Indonesia
Jl. Moh Toha km 1 Tangerang, Banten,
Indonesia
ZIP: 15112
Phone: +62 21 5579-6999

SALES / BRANCH OFFICES

Americas

USA

OFS FITEL LLC (Head Office)
2000 Northeast Expressway
Norcross - GA, USA
ZIP: 30071

OFS FITEL LLC

10, BrightWave Blvd. - Carrollton - GA, USA
ZIP: 30117
Phone: +1 888.342.3743
Phone: +1 770.796.5555
(outside USA and Canada)

Brazil

Furukawa Electric LatAm S. A.
R. Comendador Araújo, 499 - 11^o andar
Centro, Curitiba - PR, Brazil
ZIP: 80420-000
Phone: +55 41 3341-4222

Av. das Nações Unidas, 11633, 10^o floor
Brazilinterpart Building - São Paulo -
SP, Brazil
ZIP: 04578-901
Phone: +55 11 5501-5711

Argentina

Furukawa Electric LatAm S.A.
Sucursal Argentina
Maipú 255 - Piso 11B
Ciudad Autónoma de Buenos Aires
ZIP: C1084ABE
Phone: +54 11 4326-4440

Colombia

Furukawa Colombia S. A. S.
Av. Calle 100 N° 9A-45 - Torre 1 - Piso 6
Oficina 603 - Bogotá, Colombia
Phone: +571 5162367

Mexico

Furukawa Electric México S. de R.L. de C.V.
Av. Gustavo Baz Prada N° 14 - Oficina 2 -
1er piso - Col. Xocoayahualco,
Tlalapartilla de Baz, Estado de Mexico
ZIP: 54080
Phone: +52 55 5393-4596

Europe, Middle East and Africa

Spain

Furukawa Industrial S. A. Productos Eléctricos
Sucursal Iberia
Calle Lopez de Hoyos, 35 - 1^o planta
Madrid, Spain
ZIP: 28002
Phone: +34 91 745 74 29

United Kingdom

OFS
Raglan House, Llantarnam Business Park,
Cwmbran, Wales, U
ZIP: NP 44 3AB

Germany

OFS FITEL Deutschland GmbH
August-Wessels-Strasse 17
Augsburg, Germany
ZIP: 86156
Phone: +49 20 7313-5300

Russia

OFS Sviazstroy-1 Fiber Optic Cable
Company
Street Zavodskaya, 1, Industrial Park
"Maslovsky" Novosmansk district,
Voronezh
ZIP: 396333
Phone: +7-473-233-0500

Moscow, Russia

Mosfilmovskaya Street - Office 219, #35
ZIP: 119330

Asia Pacific

Japan

Furukawa Electric Co. (Head Office)
Marunouchi Nakadori Building
2-2-3 Marunouchi, Chiyoda-ku - Tokyo, Japan
ZIP: 100-8322
Phone: +81-3-3286-3245

Thailand

Furukawa Electric Communications
Southeast Asia Ltd.
N° 191 Silom Complex Building, 16th floor,
Units 4, C - Silom Road, Kwaeng Silom,
Khet Bangrak - Bangkok, Thailand
ZIP: 10500

Indonesia

P. T. Furukawa Optical Solutions Indonesia
Perkantoran Hijau Arkadia Kav. 88
Tower C 12th Floor
Phone: +62 21 7800 380

Singapore

Furukawa Electric Singapore Pte. Ltd.
2 International Business Park Rd., #11-07/08,
The Strategy - Singapore, Singapore
ZIP: 609530
Phone: +65 6224-4686