



PT TIMUR INTI SINERGI

"Empowering Connectivity, Delivering Excellence Nationwide."

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Building Connections, Shaping the Future

"Empowering Connectivity, Delivering
Excellence Nationwide."

01 TIS Profile

TIS

Overview of TIS



Established since 2019, TIS headquartered in Makassar City at South Sulawesi, focuses on the development of telecommunications infrastructure and solutions, building construction and public infrastructure, Internet of things solutions and development of software to support project operations.



40 +
Employee



20 +
Subcontractor



100 +
Manpower

Business Focus



Telecom
Service



Telecom Material



Software
Developer



Nationwide Support Ability

"PT Timur Inti Sinergi excels in managing nationwide telecommunication projects. Backed by expert teams, an extensive network, and cutting-edge technology, we deliver high-quality solutions across Indonesia, with extensive experience in Sulawesi and Java."



01 TIS Profile

ACHIEVEMENT

TIMUR INTI SINERGI



ICON Plus

- >100 KM Fiber Optic Network
- >100 Drop Wire already activated
- Retail STROMNET (Sales, Installation Dropwire, ODP to ODC Connection & Activation)
 - Sales



Ebetel

- >150 KM Fiber Optic Network
- XL Fiberization Project Sulawesi



Telkom Akses

- >300 KM Fiber Optic Network
- >50 site ODP & Core Termination



Biznet

- <100 KM Fiber Optic Network rectification



XL Home

- >500 Workorder for CPE Installation
- Disemental Homepass & Refurbished
- Installation Router and Mesh WIFI
- Area (Sulawesi, Greater JAVA, Greater JABODETABEK)



Fiberhome

- >300 KM Fiber Optic Network
- XL Home Feeder & Cluster Network
- Telkom akses FTTH Project



Alita

- >100 KM Fiber Optic Network (XL, Iforte, Lintas Arta)
- >400 KM FO network Have been maintenance



Lintas Arta

- <100 KM Fiber Optic Network rectification

01 TIS Profile

ACHIEVEMENT

TIMUR INTI SINERGI



My Republic

- >100 KM Fiber Optic Network (FTTH, Feeder & Subfeeder)



Persada Sokkatama

- Tower Maintenance area Sulawesi and Maluku.



Astra Agro Lestari

- General Suplier

Certification

"PT Timur Inti Sinergi is internationally certified with ISO 9001 for quality management, ISO 27001 for information security, and ISO 45001 for occupational health and safety, ensuring world-class standards in every aspect of our operations."



ISO 9001 - 2015
Quality Management System



ISO/IEC 27001 :2013
Information Security Management System



ISO 45001 - 2018
Occupational Health & Safety
Management System

To be a leading provider of fiber optic solutions in Indonesia

02 Product Solution & Portofolios



Telecommunication service

Established since 2019, TIS headquartered in Makassar City at South Sulawesi, focuses on the development of telecommunications infrastructure and solutions, building construction and public infrastructure, Internet of things solutions and development of software to support project operations.



Fiber Optic Network Maintenance

- Preventive Maintenance
- Corrective Maintenance
- Helpdesk Support & System
- Mobile App & Webservice Maintenance data



CPE Installation & Activation

- IKR (instalasi Kabel Rumah)
- Wifi, CCTV & router Installation & Comm
- Smart TV support Equipment Installation & Comm
- Drop wire, CPE installation & Commsioning



Fiber Optic Network Installation & Commisioning

- Survey & Design
- Rollout OSP & ISP Implementation
- OSP & ISP Material Supply



Tower maintenance & Construction

- Corrective Maintenance
- Preventive Maintenance
- Punchlist rectification
- CME Construction



Sales & Activation

- Sales B2C and B2B Product
- Activation Content

Turnkey service

"PT Timur Inti Sinergi provides comprehensive support for telecommunication projects with a turnkey concept, covering survey, licensing, material supply, installation, commissioning, and even internet product marketing, ensuring seamless project execution from start to finish."

1

SALES SERVICES

We provide a sales force for both home(Retail) and Corporate customers which are paid per service/acquisition

2

INSTALLATION & ACTIVATION SERVICES

We have the capability and resources to perform the installation of fiber optic networks from OLT to ONT and Feeder and Subfeeder Networks. also activation of the IoT devices. Include material (main & Accesoris)

3

MAINTENANCE SERVICES

We are able to perform maintenance and repair of networks both on the FTTH network and in the CPE

4

HELPDESK & COSTUMER SERVICES

We provide helpdesk or customer services to serve customer complaints or new activation requests which will then be followed up to our sales team and maintenance team

Managed service

"PT Timur Inti Sinergi also delivers managed service projects for operation and maintenance, ensuring optimal performance and reliability through professional and efficient management solutions."

UPDATE & RESPONSE

- Ethics responds to client's needs for information in under 10 minutes
- Give project updates to accurate clients regularly and continuously



DAILY PROJECT CONTROL

- Daily project progress updates
- Control the daily project budget



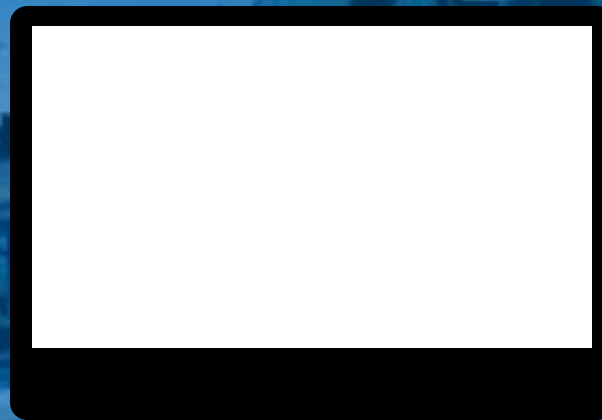
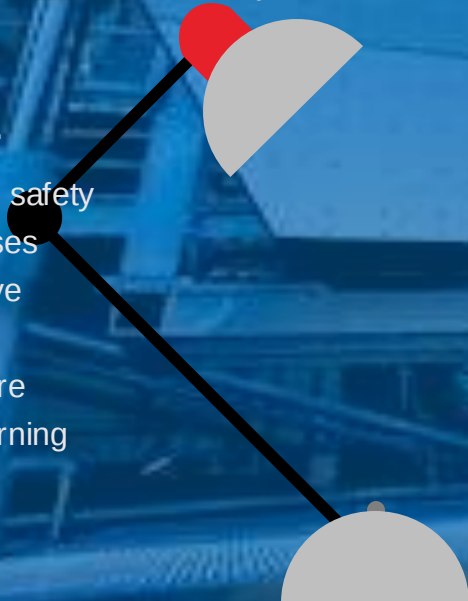
COSTUMER SERVICES

- Fostering good relations with clients and providing updated project information to clients
- Communicating regularly with the project team to control issues and ensure projects are completed on time



SAFETY COMPLIANCE

- Culture prioritizes safety
- Culture always uses personal protective equipment
- Work safety culture briefing every morning



QUALITY ASSURANCE

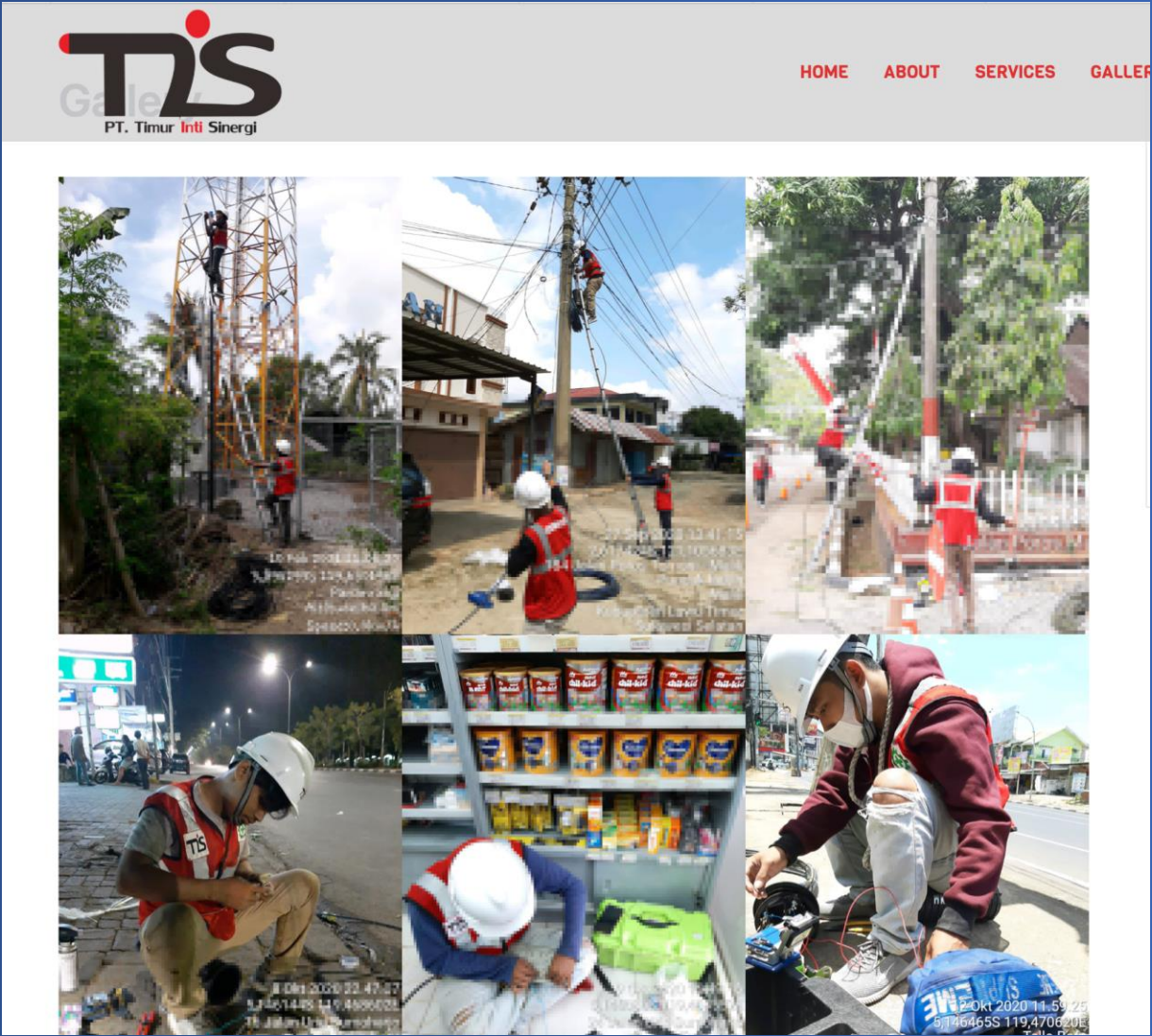
- Provide auditors who are responsible for monitoring, analyzing, researching, testing and verifying the quality of work.
- Monitor every process involved in a project
- Ensuring the quality of work is up to standard.





Managed service

WORK DOCUMENTATION



Software Development

ONE

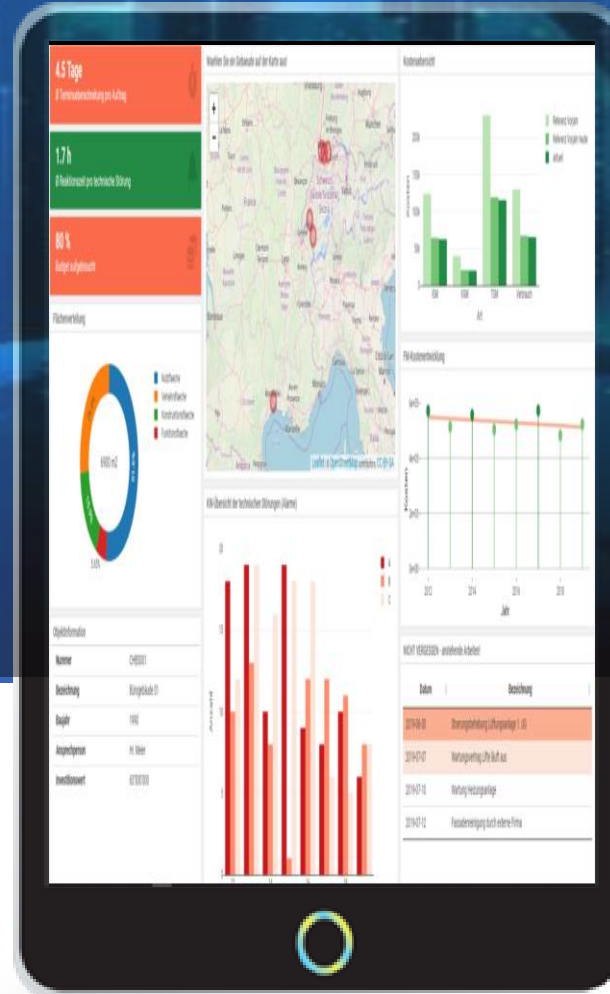
OPTICAL NETWORK ENVIRONMENT

- TT Management
- Asset management
- Network Topology Management

- Permit Management
- Comcase management
- Dashboard Overall Performance & Information

Mobile Application

Engineer use for get & Update data from Field



Desktop Application

Network Management and data analysis at Desktop App



Software Development

OPTICAL NETWORK ENVIRONMENT

“optical cable network management system that is integrated with digital applications”

Management System

- TT Management
- Asset management
- Network Topology Management
- Permit Management
- Comcase management
- Dashboard Overall Performance & Information

Rollout

- As Plan Drawing
- As Build Drawing
- ATP documentation
- Network Topology
- Core management
- Network Map
- Asset Data

Maintenance

- Cut Point History
- TT History Homepass [CPE]
- Asset in/Out
- Consumbale In/out
- Comcase Record
- Patrol data

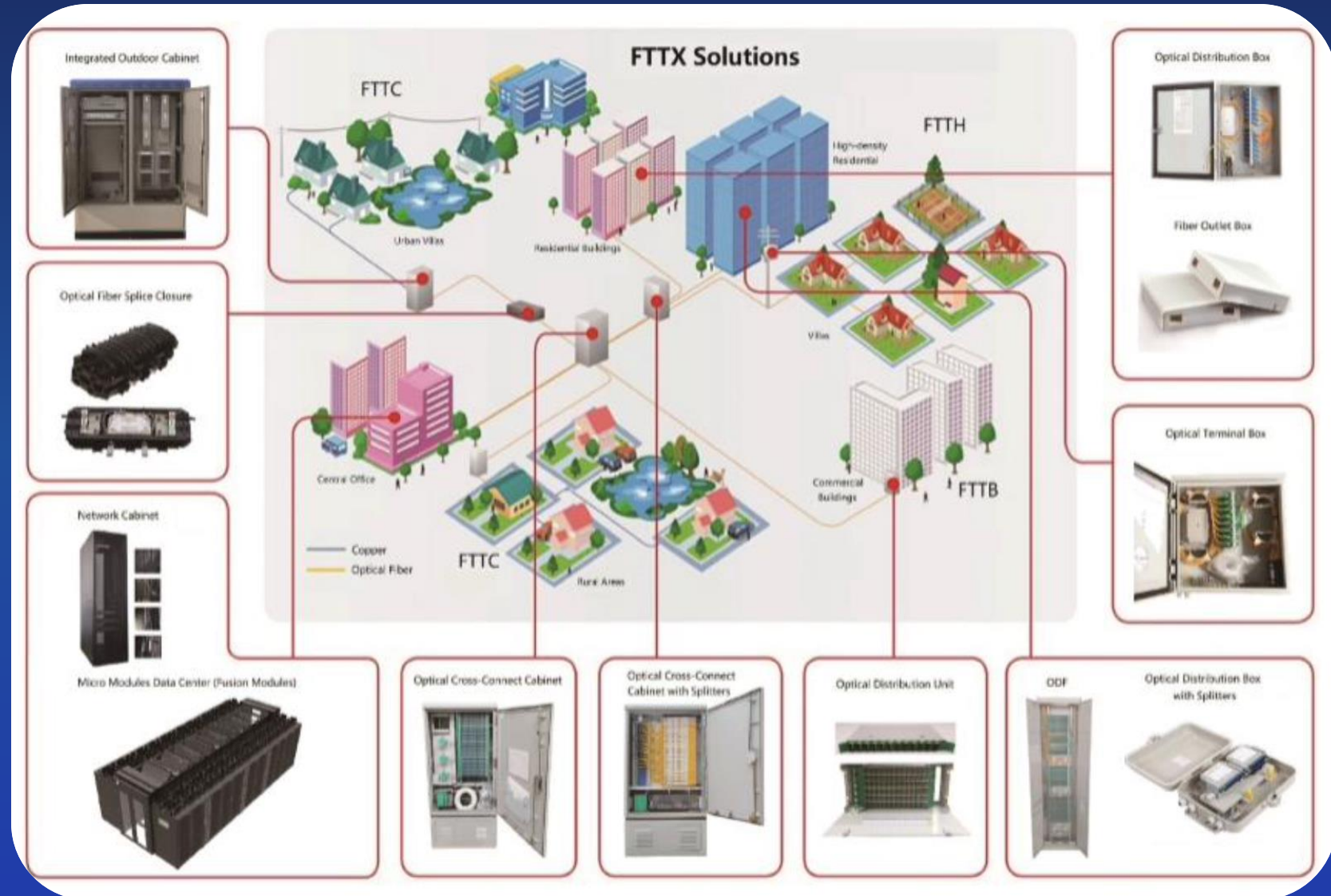
CPE / IKR

- As Build Drawing
- ATP documentation
- Network Topology
- Core management ODP / FAT
- Retail
- Dismantled & Refurbished



FTTX Solution

Outdoor Cabinet
 Floor Mounting Cabinet
 Wall Mounting Cabinet
 Pole Mounting Cabinet
 Mini Shelter
 Field Pictures
 Optical Fiber Cross Connection Cabinet
 ODF Rack & Cabinet
 ODF Subrack / ODF Unit
 ONU Cabinet
 AC&DC Power distribution Cabinet
 Data Center & Fusion Module Data Center
 Fiber Distribution Box
 Network Cabinet & Server Cabinet
 Structure
 Small Server Cabinet
 PDU
 Splice Closures
 Terminal Box
 COMPONENT
 PLC Splitter
 Adaptor
 Pigtails
 MPO Solution
 CABLE SYSTEM



CPE Solution

Rancom Wireless and Rancom Fiber Optic Solutions were founded to provide high quality, high performance RF and fiber optic solutions propelling the telecommunications market forward from LTE to 5G and beyond.

LTE/5G CPE

Indoor 5G CPE



- 5G NR/4G
- Wi-Fi 6
- QoS
- OpenWRT
- Voice
- SMS
- Firewall
- Remote Management

Indoor 4G CPE



- 4G/LTE
- Wi-Fi
- Voice
- SMS
- Firewall
- QoS
- Remote Management

Outdoor 5G CPE



- 5G NR
- Wi-Fi 6
- Remote Management
- Firewall and VPN
- IP66

WI-FI Router

Wi-Fi6 Router



- IPv4/IPv6
- Wi-Fi 6+
- QoS
- Firewall
- OpenWRT
- TR069

Voip Gateway



- IPv4/IPv6
- 2. 4G&5G Wi-Fi
- VoIP
- QoS
- Firewall
- TR069

CPE Solution

Each connection point, from antennas to passive devices to fiber optic components, is critical to the performance of your wired and wireless network. That is why at Rancom Wireless we are committed to providing our customers with the most reliable, industry leading products.

SMB Gateway

5G SMB gateway



5G NR



Wi-Fi 6



Voice service

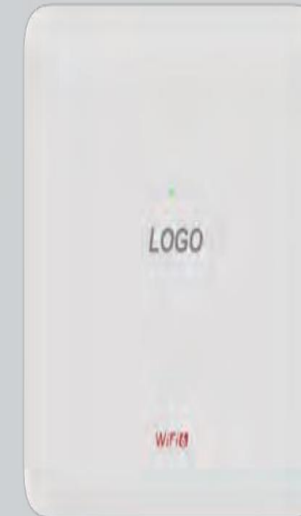


Versatility



Remote Management

WI-FI Ceiling AP



Wi-Fi 6



Qos



Firewall



Remote Management

CPE Solution

We understand the complexity of managing large amounts of data that must be transferred quickly and safely. In times when bandwidth services are more demanding, our broad portfolio of Wireless, Fiber Optic and Coaxial cabling systems will ensure the transportation and processing of your most valuable asset, the data.

IoT Router

5G/LTE IoT gateway



-  5G NR/LTE
-  Secondary Development
-  VPN
-  Link Backup
-  Industrial Protocol
-  Remote Management

xPON

1G-PON



-  IPv4/IPv6
-  Wi-Fi 5
-  Qos
-  Firewall
-  Remote CLI

Smart Lithium-48100

Smart Lithium-48100

Smart-Li battery system for telecom



双登集团
SHUANGDENG GROUP
shoto



Technical Parameters

Item	Parameters	
1、Performance Parameter		
Model	Smart Lithium-48100(15S)	
Nominal voltage	48V	
Rated capacity	100Ah(C ₅ ,0.2C to 40V at 25 °C)	
Operating voltage range	40V-60V	
Boost charge/ Float charge voltage	54.5V/52.5V	
Discharge voltage	43.2V ~ 57.0V	
Constant voltage discharge	44.0V ~ 57.0V, Default53.0V	
Maximum discharge power	4800W	
Charging current (current-limiting)	10A (Adjustable)	
Charging current (Maximum)	100A	
Discharge current(Maximum)	100A	
Discharge cut-off voltage	40V	
Weight	40±2kg	
Dimensions (W*D*H)	442mm*410mm*133mm(±2mm)	
2、Functional description		
Installation method	Rack mounted / Wall mounted	
Communication Interface	RS485*2/Dry contact*2	
Indicator state	ALM/RUN/SOC	
Parallel Communication	Maximum support for 32 sets of parallel	
Terminal stud	M6	
3、Working conditions		
Cooling mode	Self-cooling	
Altitude	≤4000m	
Humidity	5%-95%	
Storage temperature	-40℃ ~ +70℃	
Operating temperature	Charge	-5℃~+45℃
	Discharge	-20℃~+50℃
Recommended operating temperature	Charge	+15℃~+35℃
	Discharge	+15℃~+35℃
	Storage	+20℃~+35℃





"PT Timur Inti Sinergi proudly partners with PT YOFC to support the supply of fiber optic and power grid cables. With a full manufacturing facility in Indonesia and one of the largest market shares in the country, PT YOFC ensures the delivery of high-quality, reliable cables to meet the needs of our telecommunication and energy projects."

Specialty Optical Fibres and Cable Products

YOFC's specialty optical fibres and cables with excellent performance and high reliability focus on communication, sensing and energy transmission. They have been widely used in telecom, datacom, power, underwater, radar, oil well, and optical fibre lighting, and other fields.

Communications

- Erbium-doped / erbium-ytterbium co-doped fibre
- Polarization-maintaining fibre for component
- Photonic single-mode fibre
- Coupler fibre
- Bend insensitive fibre
- Multi core fibre
- Few-mode fibre
- Photonic crystal fibre



Sensing

- Spun polarization maintaining fibre
- Spun fibre
- Optical fibre and cable for distributed temperature sensing
- High temperature fibre
- Radiation resistant fibre
- Carbon coated optical fibre
- Underwater sensing optical cable
- Optical cable for downhole applications
- Trigger fibre for electric
- High voltage flame retardant optical cable



Energy Transmission

- Hard plastic cladding optical fibre
- Optical fibre and cable for sunlight lighting
- Intelligent sunlight collecting system



Rich Variety of Products and Solutions for Different Application Scenarios



Telecom

- Indoor/outdoor optical fibre and cable
- ODN product and solution



Data Communication

- Multi-mode fibre
- AOC and optical transceiver
- Integrated cabling solution



Transportation

- Fire-resistant optical cable
- Leaky cable
- Optical fibre sensing system



Industrial Field

- Specialty optical fibre and cable



Power Grid

- OPGW/OPPC/ADSS cable
- FBG sensor monitoring system
- Automatic monitoring and protection system



ICT Service

- End-to-end network design, integration and deployment solution



Consumer

- Pure3 8K HDMI 2.1 optical cable
- Explorer DP1.4 optical cable
- TF-VR optical cable



Submarine Communication

- Submarine optical cable
- Submarine power cable



Semiconductor

- Quartz material
- The third-generation semiconductor materials (SiC, GaN, etc.)

Full Series of Optical Cable Products



Optical Fibre and Cable with Large Capacity, High Speed and Long Distance

The product is applied to the communication trunk networks of customers such as China Telecom, China Mobile, and China Unicom, helping to build the computing power network that channels more computing resources from the eastern areas to the less developed western regions.



Micro Bundle Optical Cables

Feature a micro-unit structure, and easy to diverge, manually strip and install.



General Cables-indoor Optical Cables

Suitable for indoor applications, especially for scenarios that require high performance of anti-flaming, fireproofing, rat prevention and acid-resisting properties.



Air-blowing Micro Cables

YOFC was the 1st one in China that launched air-blowing micro cable with 180 μ m optical fibre.



All-dry Optical Cables

China's next-generation optical cable products that have been applied in multiple national broadband projects.

Power Cable

YOFC provides a broad range of power cable products that meet the OPGW product standards of the industry and cover the OPGW spectrum of the State Grid. The multi-structural design of these products makes them a good choice for different application scenarios.

OPGW (optical fibre composite overhead ground wire)

Standard: DL/T832 and IEEE 1138 optical fibre composite overhead ground wire standard

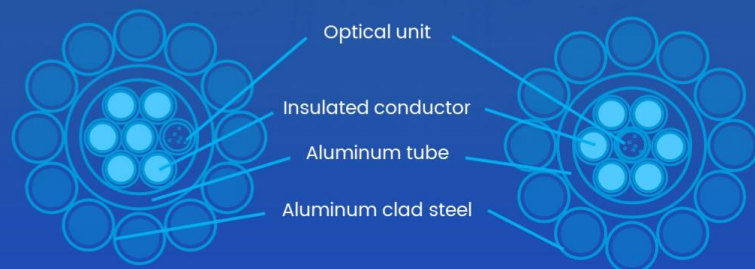


OPPC (optical fibre composite phase wire)

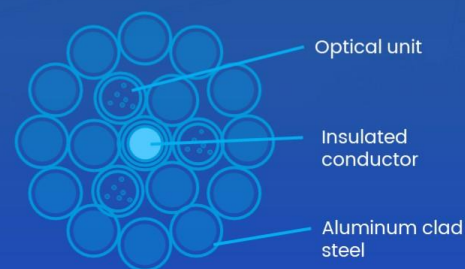
Standard: DL/T1613 Optical fibre composite phase wire standard
Stainless steel optical unit can be used in different positions



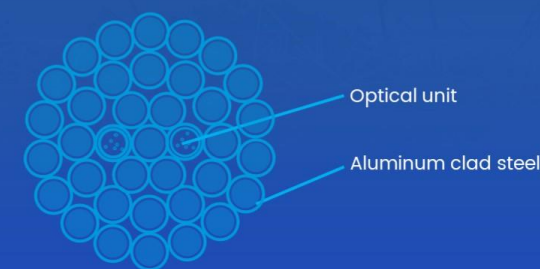
Ice-melting OPGW



High-conductivity OPGW



Large Span OPGW



A low-angle, upward-looking shot of several modern skyscrapers with glass facades. The buildings are reflected in each other, creating a complex pattern of light and dark blue. The sky is a pale, clear blue.

THANKS !

"Thank you for your attention. We look forward to the opportunity to collaborate with your company."



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