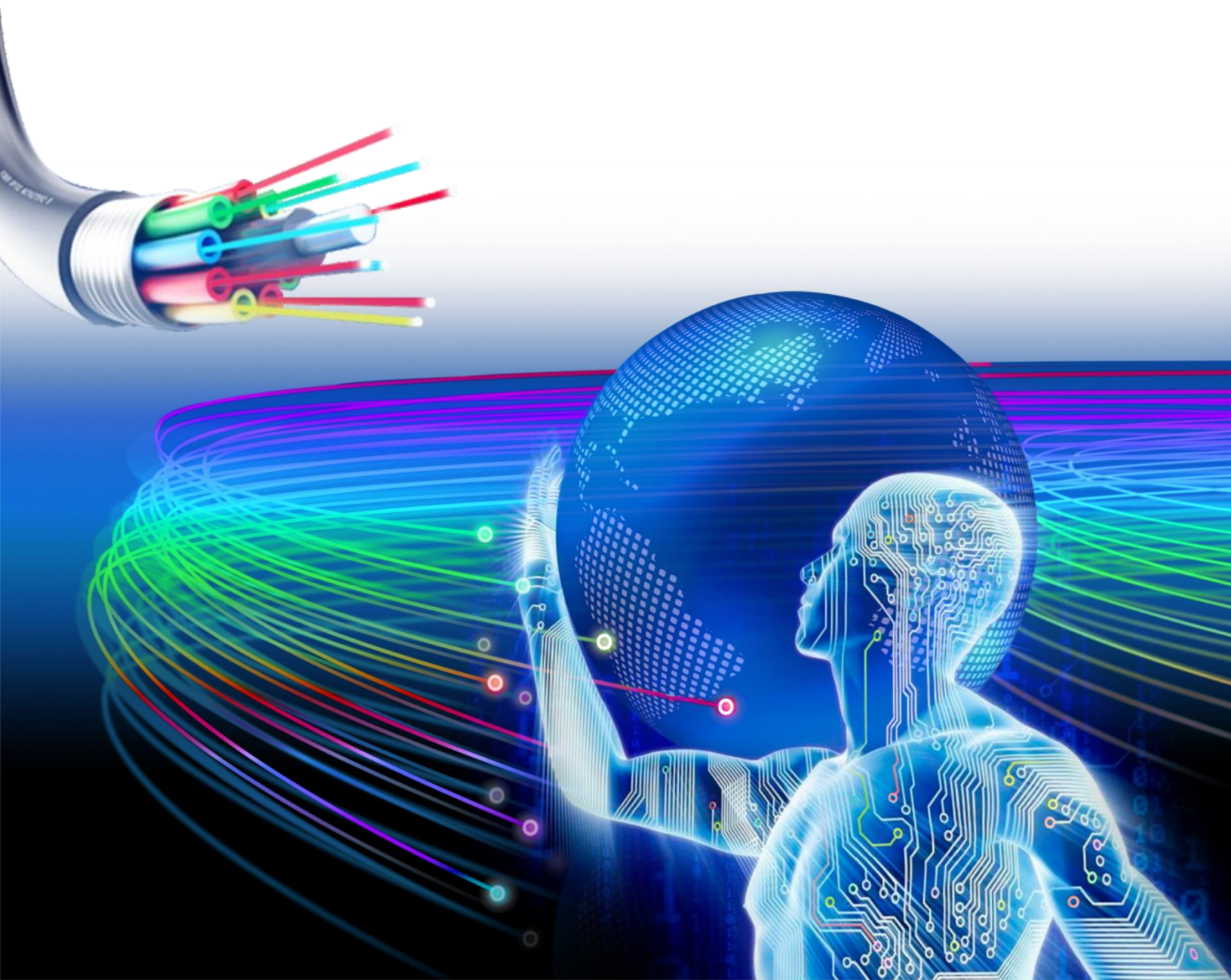
RK FIBERGRID

FIBER IS FUTURE

Established Since 2001

RK Fibergrid India Pvt. Ltd.

Smart Village



Smart Village

RK FIBERGRID
FIBER IS FUTURE

Solution On Underground Optical Fiber Cable Network

- UG OFC Network
- High Speed Internet
- Wi-Fi Hot Spot
- Village based Wi-Fi Service
- CCTV Surveillance
- Cable TV
- Voice (Land line Telephone)
- Video Conferencing
- Smart Pole
- Smart Street Light
- Public Announcement
- Digital Display Board
- e-Education
- e-Health Care
- Smart Agriculture
- e-Payment



Why Fiber Optic Cable Network for Smart Villages ?

- Optical Fiber has expandable Unlimited Bandwidth capacity.
- OFC carries high-bandwidth signal at long distance using light waves.
- It is scalable and reliable for future upgradation and additional bandwidth demands.
- Fiber is strong medium with capability of transferring petabytes of data. We use this capability for supporting advance applications and services like: **CCTV Surveillance, High Speed Internet, Multipoint connectivity, Wi-Fi Hotspot, Live Streaming, Smart Street Light, IPTV, OTT, CATV** and so on.
- It is inevitable to use OFC backbone against traditional wired medium, wireless medium for high bandwidth intensive applications.
- These salient features converges OFC backbone to be **"Future-Proof".**
- OFC network have higher and long-term durable network life.
- No telecom company has yet extended Optical Fiber Cable (OFC) connectivity to rural villages.
- Technological growth and communication of the globe is dependent on OFC infrastructure.

"We established a smart village UG-OFC infrastructure, providing all essential services."

Smart Village

Solution On Underground Optical Fiber Cable Network



UG OFC Network
Ensures dependable, high-speed internet with minimal interruptions, thanks to a secure underground setup.

High-Speed Internet
Offers seamless connectivity for remote work, online education, and entertainment streaming.

Wi-Fi Hotspots and Village-Based Wi-Fi
Provides free or affordable internet access, fostering connectivity and digital inclusion in rural areas.

CCTV Surveillance
Enables real-time monitoring, enhancing safety and security for communities.

Cable TV and Voice Services (Landline)
Delivers uninterrupted entertainment via cable TV and reliable landline communication for homes and businesses.

Video Conferencing
Facilitates high-quality, user-friendly video calls for professional and personal interactions.

Revolutionizing Rural Living with Smart Village Solutions

1. Smart Infrastructure:

Smart Poles: These multifunctional poles combine street lighting, surveillance systems, and Wi-Fi hotspots to create connected and secure environments.
Intelligent Street Lights: Adaptive, energy-efficient lighting systems that enhance safety while significantly reducing energy costs.
Public Announcement Systems: Deliver real-time alerts and updates across the village, ensuring timely communication.
Digital Display Boards: Interactive screens that provide important updates, announcements, and essential information at a glance.

2. Enhancing Daily Life:

e-Education: Unlock learning opportunities with digital resources accessible to everyone, from children to adults.
e-Health Services: Empower villagers with remote consultations and health monitoring for quicker and better medical care.
Smart Agriculture: Harness modern technology for precision farming, improving productivity and sustainability.
e-Payment Systems: Promote financial inclusion with secure, cashless transactions that make everyday payments seamless and convenient.

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RK Fibergrid India Pvt. Ltd.

Fiber is Future

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We Support nation's initiatives of digitally connected India

Smart City
MISSION TRANSFORM-NATION

INDIA SMART VILLAGE

MAKE IN INDIA

Digital India
Power To Empower



