



NOVOOFC

FOR STABLE CONNECTION



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TAKE A TOUR



Kaliakoir Hi-Tech Park, Gazipur

Vision:

To be the leading optical fiber cable manufacturer in South Asia, driving digital transformation by delivering world-class connectivity solutions that empower communities, businesses, and nations.

Mission:

To manufacture high-quality, reliable, and innovative optical fiber cables that meet international standards.

To ensure continuous growth through technology, research, and sustainable practices.

To contribute to Bangladesh's digital infrastructure by reducing import dependency and saving foreign currency.

To create employment opportunities and develop skilled professionals in the fiber optics sector.

To build long-term partnerships with telecom operators, ISPs, and enterprises through trust, quality, and innovation.

CAPACITY & INFRASTRUCTURE



Initial Production Capacity:
60,000 KM/Year














Target Expansion:
100,000 KM/Year



Facility Area:
1.5 Acre

CABLE HIGHLIGHTS:

-  Up to 144 enhanced low water peak single-mode fiber, fully compliant with ITU-T G.652D
-  Loose tube filled with thixotropic gel
-  Figure-8 optical fiber cable design for aerial self-support
-  Metallic/non-metallic central strength member
-  Single-layer S-Z stranded construction
-  S-Z stranded fiber core fully filled with jelly
-  Tube core wrapped with polyester tape and binder yarn
-  Water-blocking tape to prevent moisture penetration and cable damage
-  Galvanized ECCS steel tape for protection against rodents and mechanical damage
-  EAA-coated FRP rod for strength and protection of delicate optical fiber
-  100% pure virgin UV-resistant polyethylene outer jacket (black)



COMMITMENT TO QUALITY

At NOVOOFC, quality is guaranteed. Our optical fiber cables are precision-made, rigorously tested, and built to meet international standards for reliable, long-lasting performance.

NOVOOFC – Reliable Connectivity. World-Class Quality.

Trusted Performance: Low signal loss, high durability, consistent results.

Strict Quality Control: Every step, from materials to delivery, meets international standards.

End-to-End Assurance: Seamless production, inspection, packing, and on-time delivery.

Choose NOVO OFC for future-ready, high-performance fiber connectivity

INTERNATIONAL STANDARDS

BS EN 60793-2-50:2008 - British and European Standard ensures quality and performance standards for single-mode optical fibers.

Optical fibres – Part 2-50: Product specifications.

ITU-T G.652D - International Telecommunication Union Standard for low-loss, low-water-peak single-mode fiber.

Characteristics of a single-mode optical fiber and cable.

IEC 60794-1-2 - International Electrotechnical Commission Standard ensures durability, safety, and long-term performance under real-world installation and operating conditions.

Optical fiber cable, Part 1-2: General specification- basic optical cable test procedure.

TESTING EXCELLENCE

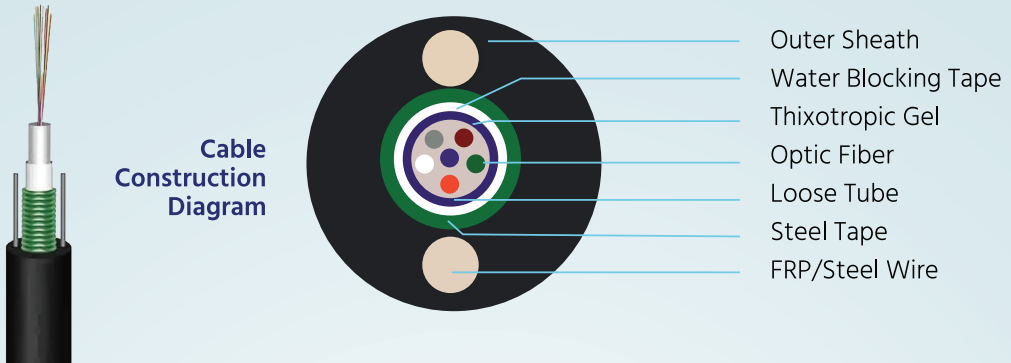
Mechanical (Tensile, Crush, Impact, Repeated Bending)

Environmental (Temperature -40°C to +70°C, Water Penetration, UV Resistance)

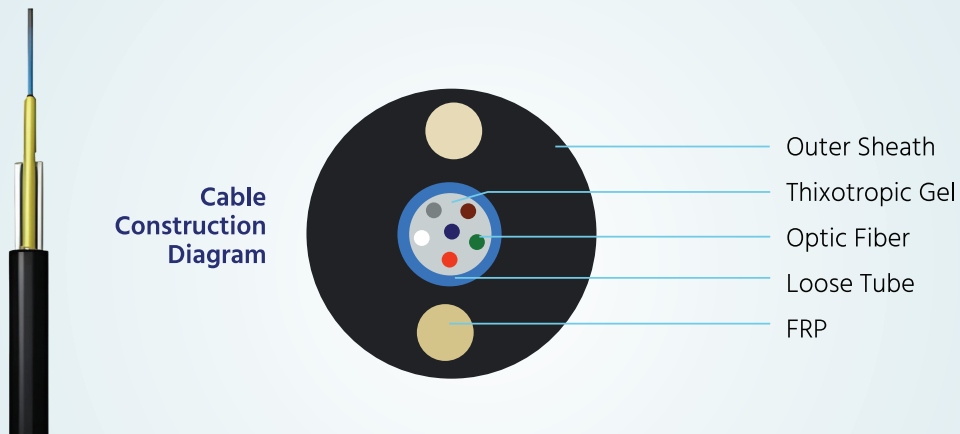
Optical (Attenuation, PMD, CD, Return Loss)

Installation (OTDR, OLTS, Power Meter)

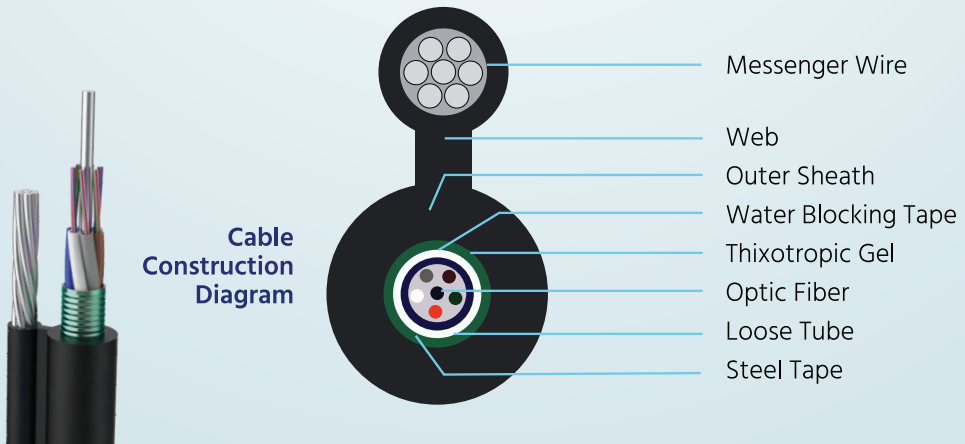
OUR PRODUCT PORTFOLIO



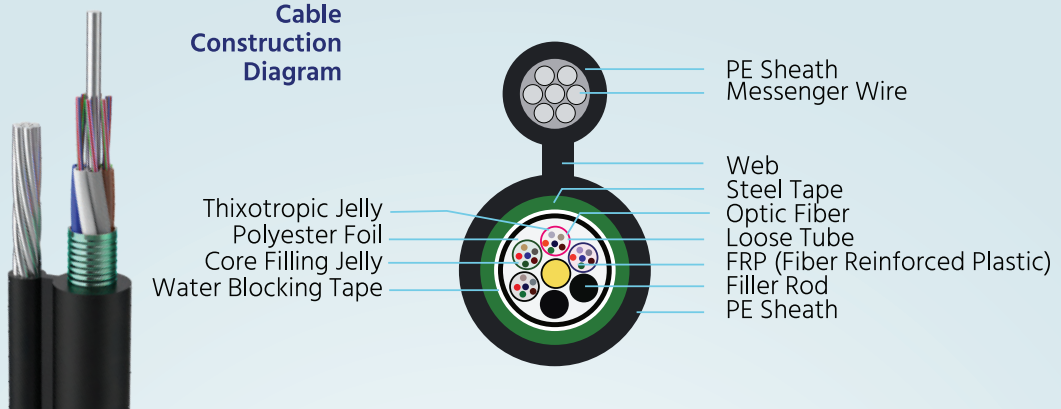
6F Armoured Cable with Cross Sectional Diagram



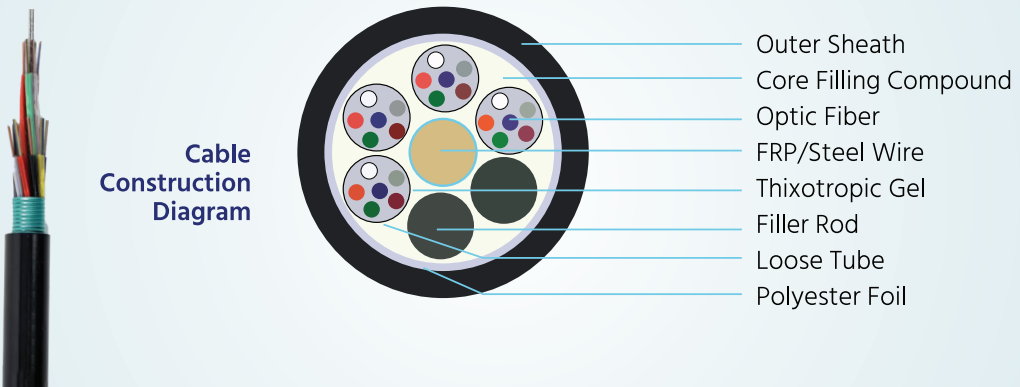
6F Non-armoured with Cross Sectional Diagram



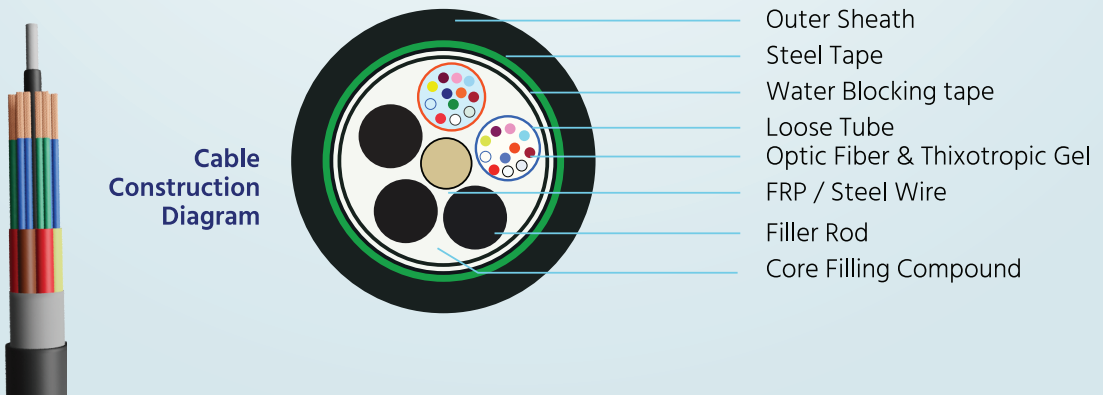
6F Aerial Cable (Fig-8) with Cross Sectional Diagram



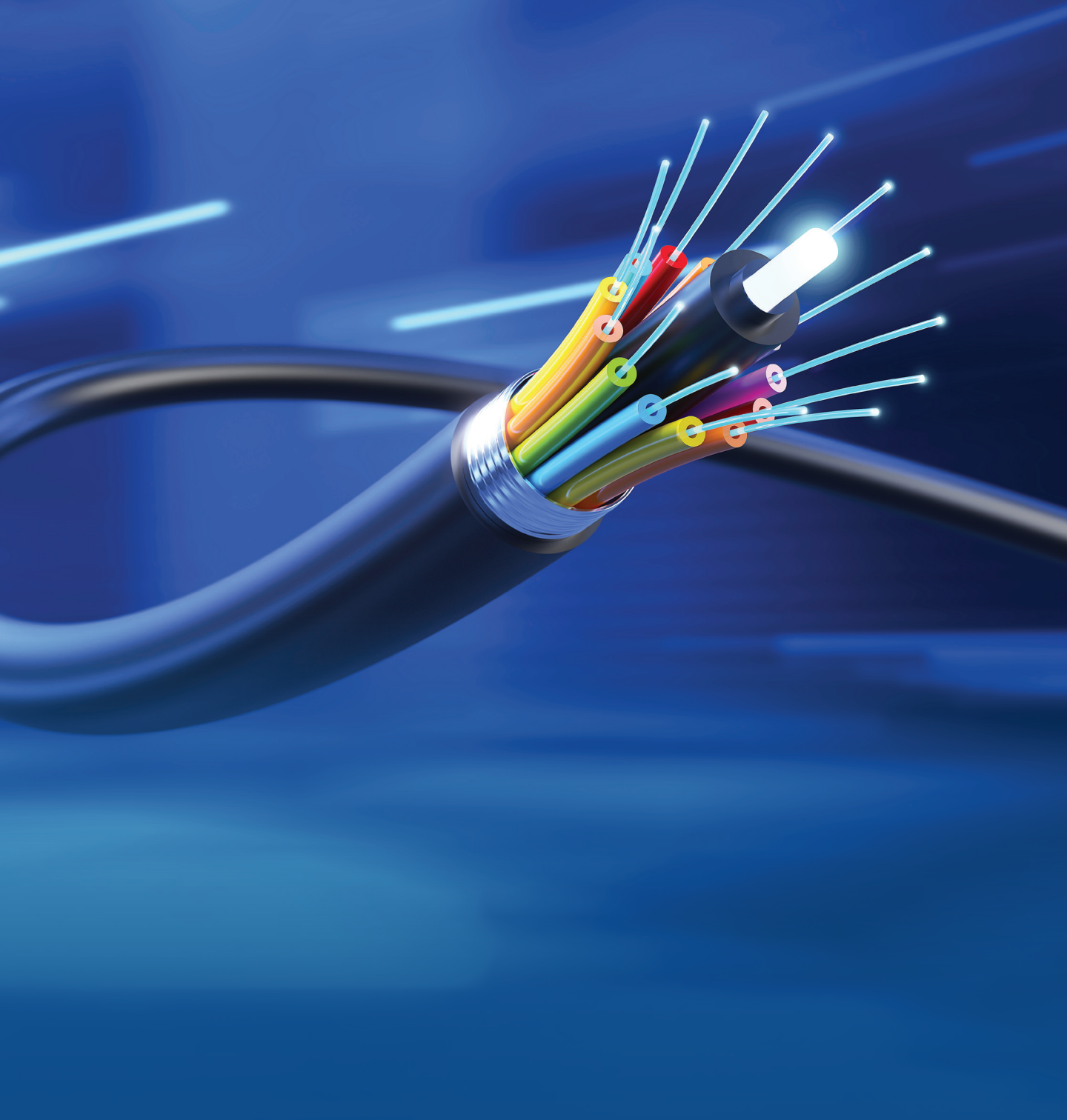
12F-24F Fig-8 Aerial Cross Sectional Diagram



12F-144F Armoured Cable Cross Sectional Diagram



12F-144F Non-armoured Cable Cross Sectional Diagram



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