

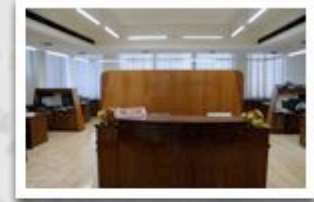
AKSH TECHNOLOGIES LTD.



OPTICAL FIBRE CABLES FOR EVERY NEED

About Us

- The Parent Company AKSH Optifibre Limited was established in 1986.
- The Manufacturing Business has been hived off into a wholly owned subsidiary named as AKSH Technologies Limited.
- Presently Company owns 3 State of Art Optical Fibre, Optical Fibre Cables, FRP Rods manufacturing units in Rajasthan.
- World's only integrated Optical Fibre, Fibre Reinforced Plastic (FRP), Impregnated Glass Yarn and Optical Fibre Cable producer
- One of the largest of FRP rods in the world.
- One of the largest Manufacturer with following capacities:
 - ❖ Optical Fibre - 2 million km / yr.
 - ❖ Optical Fibre Cables - 150,000 km Cables / yr
 - ❖ FRP Rods - 500,000 km / yr
- Technologically driven company, have launched our IPTV & VoIP services with the state owned companies (MTNL, BSNL).



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Milestones

- 1986 - Incorporated as a private limited company
- 1994 - Converted into a public limited company
- 1998 - ISO 9002 accreditation by Underwriters Laboratories, USA
- 2000 - Came with an IPO and got listed in BSE, NSE and JSE
- 2001 - New plant at Ringus for FRP rods
- 2003 - Added capability to manufacture ribbon cable and special accessible FTTH
- 2006 - MTNL-AKSH Optifibre tie-up for IPTV (icontrol)
- 2007 - MTNL launches VoIP (Pigeon) in partnership with AKSH Optifibre.
- 2008 - MTNL - AKSH Optifibre limited launched Pigeon (Video phoning) in Delhi and Mumbai.
- 2009 - **2nd Place Award** for Best Telecom Equipment Manufacturer under the category of Optical Fibre Cable by BSNL- CGM (QA) Bangalore.
- 2009 - Got ISO 14001 accreditation.



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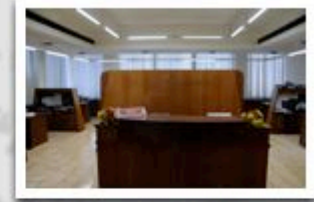
Infrastructure

- 3 State of the art ISO 9001 certified manufacturing units from Underwriters Laboratories (UL), USA.
- World class infrastructure with 5 fibre draw towers from Nextrom, SG Controls.
- State of the art machinery from Rosendahl-Austria, Nokia-Finland for Optical Fibre Cables.
- State of Art Latest Machine to manufacture 12F Ribbon with Online Fibre Colouring as well as Ribbonising in single process.
- Well equipped design and development department.



Contd..

- Stringent quality control on each and every stage.
- Testing and Quality assurance equipments from GN Nettek- USA, Anritsu Corporation- Japan.
- Complete testing facility for all kinds of Optical, Geometrical, Fibre Reliability and Environmental tests.
- Testing facilities as per global test standards ITU-T, CCITT, IEC.
- Strong human resource center with more than 300 employees including Engineers, Management Professionals and Trained Technicians and Operators.



Plant and Machinery

Cable

Secondary Coating Line (Loose Tube) x 3
Light Pack Line
(Fibre Bundling & Loose Tube) x 1
S-Z Stranding Line x 1
Tandem including S-Z Stranding Line x 1
Sheathing cum Jacketing Lines x 5
Rewinding Line x 5
Armouring cum Sheathing Line x 1
Ribbon Strands x 1
Tight buffering Line x 1

Fibre

Fibre Draw Tower x 5
Proof Testing Line x 4
Colouring Line x 3
Ribbon/Colouring Line x 1

FRP

FRP Lines x 17
FRP coating lines
Rewinding lines x 5



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Capabilities Fibre

State of the art technology and infrastructure for:

- Single mode Optical Fibre (G652 B)
- Low Water Peak Fibre (G652 D)
- Non-Zero Dispersion Shifted Fibre (G655)
- Bend Sensitive Fibre (G 657 A)
- Multimode (62.5/50/OM3) Optical Fibre
- Tight Buffered Fibre (900 & 600 micron)



OPTICAL FIBRE CABLES FOR EVERY NEED

Capabilities Cables

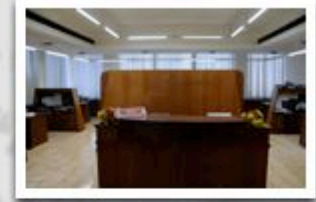
- Duct Cables
 - Unitube/Multitube
- Armoured Cables
 - Unitube/Multitube
 - Single/Double Sheath
 - High/Medium Tensile Strength
- Aerial/ADSS Cables
 - Unitube/Multitube
 - Flat Cable/Figure-8
- Indoor/Outdoor Cables
 - Tight Buffered
 - Loose Tube
 - Simplex
 - Duplex
- Micro/FTTH Cable
 - Unitube/Multitube
 - Medium/High Tensile Strength
 - Droplite
- Ribbon Cables
 - High Fibre Count
- Special Cables
 - Hybrid
 - Special Purpose
 - Ceramic Armoured
 - Customized as per Customer's Requirement



OPTICAL FIBRE CABLES FOR EVERY NEED

Major Domestic Customers

- Bharat Sanchar Nigam Limited
- Mahanagar Telephone Nigam Limited.
- ITI Limited.
- PGCIL.
- Indian Defence.
- Indian Oil Corporation Limited
- Indian Railways.
- Aircel.
- Videocon.
- HFCL Infotel.
- Areva T&D.
- ABB.
- UT Star Com.
- OEM for System Integrators.



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Major Overseas Customers

- Melbye Scandanavia- Norway.
- Holler- Hungary.
- USTC- Ukraine.
- Getco- Bangladesh.
- Gerab- UAE.
- Fibre Associate- UK.
- Orkugieta Reykjavikur-Iceland.
- Atlantis- Poland.
- Altra- Poland.
- BTCL- Bangladesh.
- Santel- Germany.



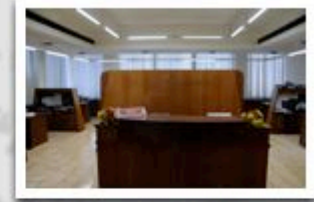
Strengths

- Strategic backward integration- In house Fibre, Impregnated Glass Yarns and FRP rods for Optical Fibre Cables.
- CACT Approvals of Optical Fibre as per ITU-T G652D, G655 & G657A.
- CACT Approvals for Fibre Reinforced Plastic Rods (FRP) & Impregnated Glass Yarns.
- TSEC Approvals of Self Supporting Metal Free Aerial OF Cable, Metal Free Duct Cable, Metal Free Ribbon OF Cable (288F).



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- Control over critical raw materials with long term special procurement agreements and well integrated supply chain management.
- Low operating overheads.
- Stringent quality control on each and every stage.
- OEM suppliers to major companies.
- Preferred Supplier for Simplex Cable to BSNL Telecom Factories.



Quality Policy

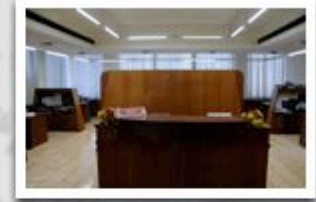
“Aksh team is committed to provide cost effective products and services with planned quality, reflected by customers confidence, achieved through innovation and Kaizen” ongoing improvement.....



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Thanking You

www.akshtechnologies.com



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