



**Tomorrow's Progress Today**

***April' 2015***



***Apar's Cable Division (Uniflex Cables) – An overview***



**“Tomorrow’s Progress Today”**

**Providing Key Building Blocks to the Power Industry**



All types of Cables



**POWEROIL®**  
Speciality Oils



**POWERLINE®**  
CONDUCTORS

**POWERLINE®** - Aluminium and Alloy Conductors

**POWEROIL®** – Transformer Oils and Speciality Oils

**UNICAB®** – Power and Telecom Cables

***APAR, a Technology driven Customer focused Company,  
acknowledged for its Reliability, Adaptability and Innovation***

# Apar – Business Segments



sales Rs 4500 Cr

## Speciality oils

## Conductors

## Cables

### Products

- Pioneer in manufacturing Transformer oils in India since 1969.
- Largest Indian player in the Power Transformer segment, especially in EHV segment ( 220 KV to 765KV).
- Successful manufacturing & distribution tie-ups in South Africa, Australia & Turkey.
- Exports of Transformer Oils and White Oils to over 65 countries.
- Key OEM approvals of all major global transformer OEM's.
- License agreement with ENI to manufacture world famous AGIP lubricants, positioned at the upper end of the market.

- One of the largest manufacturer of conductors in India, amongst top few largest in the world by volume.
- Export to over 65 countries, Registered export house by Ministry of Commerce.
- Vertically integrated producer, full product range of ACSR and AAAC upto 1200 KV.
- Newly introduced High Temperature conductors, will be a paradigm shift in the market in a few years.
- Key approvals from several global Utilities and EPC contractors – allows larger market participation.

- Widest range of Medium & Low Voltage cable, Elastomeric cables, Fiber Optic cables and Specialty cables
- Growing at CAGR > 25%
- Export to over 25 countries, Registered export house by Ministry of Commerce.
- Manufactures specialty cables with Integrated Fiber Optics, Heavy & Low Tow cables, Torpedo cables etc
- Set up Electron Beam Irradiation facility (1.5 MeV and 3.0 MeV)
- Key approvals from several Utilities, Consultants and EPC contractors – allows larger market participation.

### Plant Locations

Rabale, Silvassa  
Total Capacity  
442,000 KL

Silvassa, Athola and at  
Umbergaon . Total Capacity  
150,000 MTPA

Umbergaon & Khatalwad  
6000 MT Aluminum and 6000  
MT Copper

We are a **Technology** driven **Customer Focused** company characterized by **Reliability, Adaptability, Innovation & Leadership** in our product categories.



# About the Cable Division



- Experience in Cable manufacture since 1981 serving a broad customer base in India and Overseas.
- A vast manufacturing infrastructure of 200,000 SqM. (Built Up Area over 60000 sq Meter) manufacturing several special varieties of cables.
- The cable division enjoys a very high reputation for its quality with its customers in its entire product range.

# Cable Manufacturing Plants



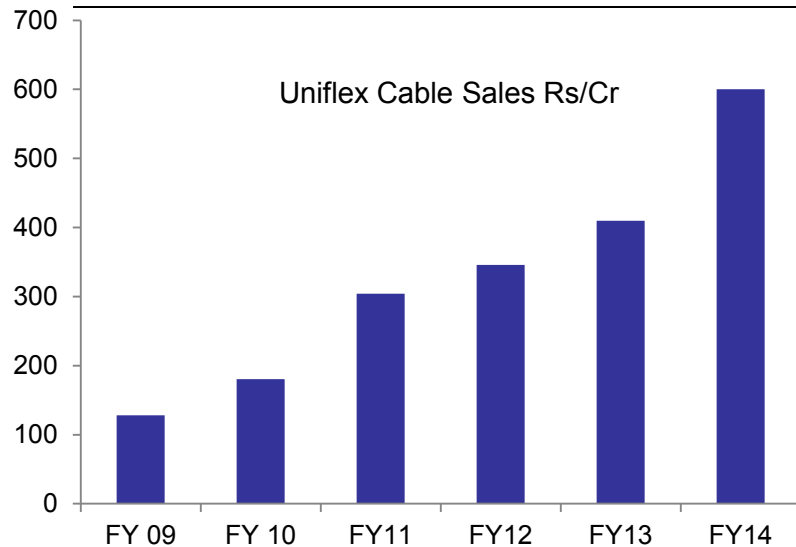
The plants are ideally located 150 Km from Mumbai.

# Cables Segment



## Product Range

- Power Cables LT & HT upto 33 kV
- Elastomeric / Flexible cables
- Fiber optic cables
- Specialty / Hybrid cables
- Electron Beam Irradiated Cables



## New Cable Product Developments

- Special Cables for Indian Navy.
- Concentric Anti-Theft Cable
- Covered Conductors
- Fire Survival Cables & Wires
- 33 KV Elastomer Cables for Windmill and for Export
- 40 year Cable life & radiation resistant products for nuclear power plants







## Our VISION

- We at Apar are a Technology driven Customer focused group of professionals firmly believing in our Company's vision:

**“Tomorrow's Progress Today”**

## Our MISSION

- To build a strong brand through business ethics, Technological expertise, long terms relationship with our esteemed customers and maintain superior quality product for customers satisfaction.

## Our QUALITY POLICY

We are dedicated to manufacture best quality products at affordable prices to our customers' entire satisfaction in Power, Control, Telecommunication sectors through Employee Motivation, continual improvement and Product Innovation.

# Quality Control



- The Technical Dept is manned by several engineers having rich experience. Senior and middle level engineer managers are responsible to ensure technical compliance and quality.
- A centralized laboratory supports :
  - Incoming Raw Material Testing,
  - In-Process Testing
  - Finished goods Testing
  - Internal & External Inspection.
- Cables are periodically Type Tested in-house & at Independent laboratories for design compliance.
- In-house manufacture of PVC and Elastomeric compounds give a competitive edge to ensure product quality.
- The company lays emphasis on investing in latest test and measuring equipments and training its personnel.



# ISO Certificate



## CERTIFICATE

Number: 10019142

The management system of:

**APAR INDUSTRIES LIMITED (UNIT: UNIFLEX CABLES)**  
Plot No.153, 158-163, G.I.D.C. Umbergaon Dist.,  
Valsad Gujarat - 396 171, India

Including the implementation meets the requirements of the standard:

### ISO 9001:2008

Exclusions: 7.5.2 (Validation of processes for product and service provision)  
Scope:

Design, development, manufacturing and supply of optical fiber, PLIF and other communication cables, Elastomeric and specialty Cables, LV & HV XLPE Power Cables & Aerial Bunched Cables, PVC power cables, PVC & XLPE control cables, Signalling cables, Quad Cables. The manufacturing of Aluminium / Copper cable conductors, Aluminium/Al Alloy conductors with or without steel core (ACSR, AACSR, ACSR/AW, ACSS, TACSR, AL57, AAAC, AAC, GSW) and aluminium alloy pre Armoured rods for power transmission and distribution as per customer requirements.

The file that forms the basis of this certificate:  
10019142

Certificate expiry date : June 1, 2015  
Certified for the first time: June 1, 1996  
Certificate effective date : December 1, 2012

*K.G. Gang*

K.G. Gang  
Chairman & Chief Executive  
NVT QUALITY CERTIFICATION PVT. LTD.  
CAPI, EPIP, Near ITPL,  
Whitefield, Bangalore - 560 066  
India

ACCREDITED BY NATIONAL  
ACCREDITATION BOARD FOR  
CERTIFICATION BODIES



QM 012



NABCB IS A MEMBER OF INTERNATIONAL ACCREDITATION FORUM (IAF) AND PACIFIC ACCREDITATION COOPERATION (PAC) FOR  
QUALITY MANAGEMENT SYSTEMS CERTIFICATION

WVT-P000001100 Page 4

TRANSPACIFIC CERTIFICATIONS LIMITED



### Certificate of Registration

This is to certify that  
**Environmental Management System**

of  
**APAR INDUSTRIES LTD  
(UNIT: UNIFLEX CABLES)**

Plot No. 153, 158, 159-163, G.I.D.C. Umbergaon,  
District-Valsad, Gujarat-396 171, INDIA.

complies with the requirements of  
**ISO 14001:2004**

This certificate is valid concerning all activities related to:

Design, Development, Manufacturing and Supply of LV and HV XLPE Power Cables & Aerial Bunched Cables, PVC Power Cables, PVC & XLPE Control Cables, Screened Instrumentation Cables, Signalling Cables, Quad Cables, Aluminium/Copper Cable Conductors, Aluminium/Al Alloy Conductors with or without Steel Core (ACSR, AACSR, ACSR/AW, ACSS, TACSR, AL57, AAAC, AAC, GSW) and Aluminium Alloy pre Armoured Rods for Power Transmission and Distribution, Optical Fibre, PLIF and other Communication Cables, Elastomeric and Specialty Cables, Fluoropolymer Insulated Cables, Wind Mill Cables, Solar Cables, Mining Cables as per Customer Requirements.

ANZSIC Code: C 2852

May 14, 2013

Date of issue

May 13, 2016

Valid until

E1280

Certificate No.

Managing Director/Director

*Shashi Nath Mishra*



**TRANSPACIFIC CERTIFICATIONS LIMITED**

Website: [www.transpac.com](http://www.transpac.com) E-mail: [info@transpac.com](mailto:info@transpac.com)  
Accreditation by International Forum of Accredited Bodies (IAF) and Pacific Accreditation Cooperation (PAC) for  
4 Phipps Close, DSAKH, ACT 260, AUSTRALIA

[www.iaf-afrc.com](http://www.iaf-afrc.com)

\* Loss of fullness of conditions set out for the issuance of this certificate and timely completion of periodic surveillance audits may render this certificate invalid.  
Version 1.01

Indian Register Quality Systems

(A Department of Public Enterprises, Government of India)

101, Ambassador Road, T. Nagar, Chennai - 600 029, INDIA

ACCREDITED BY THE IRIS



### Certificate Of Approval



This is to certify that the Quality Management System of

**Apar Industries Limited  
(Unit : Uniflex Cables)**

Marketing Office : 12/13, Jyoti Wire House, 23A,  
Shah Industrial Estate, Off. Veera Desai Road, Andheri (West),  
Mumbai - 400 033

Site : Khatalwada-Manekpur Road, Tal: Umbergaon,  
Dist. Valsad, Gujarat - 396 120

has been found to conform  
to the requirements of the Standard:

**ISO 9001 : 2008**

with respect to the following scope:

- Design, Development and Manufacture & Supply of Elastomeric (Rubber) Cables and Electron Beam Crosslinked Special Cables
- Provision of Electron Beam Irradiation Services

This Approval is subject to continued satisfactory maintenance of the Quality Management System of the Organisation to the above Standard, which will be governed by IRIS.

Certificate No.: IRQS/1310328 granted on: 29<sup>th</sup> May 2013

Current Certification Effective Date: 29<sup>th</sup> May 2013

Current Certificate Expiry: 29<sup>th</sup> May 2016

**Shashi Nath Mishra**  
Head - IRIS

This copy of the Accreditation shall remain confidential with respect to rights reserved by the certifying body. All other rights reserved.

Condition is invalid

# Technical Specifications



The Cables are manufactured and tested as per customer requirements  
The following are most commonly used specifications:

IS: 1554 (Part-I) for LT PVC Cables  
IS: 7098 (Part-I) for LT XLPE  
IS: 7098 (Part-II) for HT XLPE  
IS: 14255 for LT ABC Cables  
IS: 9968 (Part-I) for LT Elastomer Cables  
IS: 9968 (Part-II) for HT Elastomer Cables  
IS: 14494 (FT7) Elastomer Mining Cables  
IS: 9857 for Welding Cables  
IS: 694 for Flexible Cables  
IS: 398 (Part-I, II, IV, V) for Conductors  
TEC Specs for OFC Cables

For International customers, cables as per relevant specs are manufactured and tested. (IEC 60502 (Part-I & II) / VDE 0273/BS 6007/ BS:7870/ BS6004 / BS6500/CW1128, GR-20 or as per customer specifications & requirements)  
Cables can be manufactured for any other International specifications or as per Customer specifications.



# Few Testing Facilities



Hot set test / Ageing oven



Oxygen Index Testing



Physical Test Lab



Tensile Testing M/c



Electrical Test Apparatus



Partial Discharge / Tan  $\delta$



# Manufacturing Infrastructure



- Wire Drawing Machines from Niehoff Germany for Rod Breakdown and for Multi-Wire Drawing supported by Copper Electro-Tinning facility (OTOMEC Italy).
- Royale USA CCV Line to manufacture HT XLPE Cables
- State of the art extruders from highly reputed manufacturers viz. Nextrom, Royale, Swisscab, Supermac etc for high quality extrusion.
- Stranding, Drum Twisters & Laying up machines, Armouring and other manufacturing machineries from most reputed machine manufacturers.
- Twin Screw, Intermix and Palletizing equipments etc for in-house manufacture of almost all compounds to maintain quality.
- High Quality Test & Measuring equipments and a centralized Laboratory manned by highly experienced Technical personnel
- Electron Beam (3.0 MeV & 1.5 MeV) Irradiation facility
- PTFE Recycling facility
- State of the art Fiber Optic Cable plant
- Highly experienced Managerial & Technical personnel supported by highly skilled work force.
- Plant capacities expanded in 2009 and later in 2013 to support increasing business volume
- Stranded/Compacted/Flexible Conductor manufacturing facility

# Manufacturing Infrastructure



FLEXIBLE WIRE BUNCHER



EXTRUDER PANEL



Ebeam Cable Handling System



ROTATING CATERPILLAR FOR CORE LAYING

# Cables Product Range



## ELECTRICAL CABLES

PVC Cables upto 3.3 KV  
XLPE Cables upto 33 KV  
LT & HT ABC Cables  
Instrumentation Cables  
Concentric Core Cables  
Flexible Cables & Wires  
FR/FRLS/LSOH Cables  
Fire Survival Cables  
Under Water Cables  
Other Speciality Cables

## ELASTOMER & ELECTRON BEAM IRRADIATED CABLES

Trailing Cables  
Locomotive Cables  
Ship Wiring Cables  
Wind Mill & Solar Cables  
Welding Cables  
Mining Cables  
LFH Cables & Wires  
Fire Survival Cables  
EPR, Silicon, EVA  
Speciality Cables

## OFC & Specialty Products

Optical Fiber Cables  
Loose Tube & Ribbon Type  
Multi-mode/Single Mode  
Armoured/Duct/Aerial/ADSS  
Torpedo Cable  
TOW Cables  
Composite Cables with  
Integrated Fiber Optics



# Annual Plant Capacity



Sr. No.	Cable Product Category	Annual Production Capacity
1	Elastomeric (Rubber) Cables upto 33 KV, single Core upto 630 sqmm and multi core copper upto 400 Sq. mm.]	12000 CKm/Yr for $\geq 120$ sqmm 30000 CKm/Yr for $\leq 95$ sqmm
2	XLPE Power Cables Upto 33 KV, Single core upto 1000 Alum, 630 sqmm Copper Multi Core upto 630 Sq. mm. Alum and 400 sqmm Cu	5000 Core Km/Year HT Cables 6000 Core Km/Year LT Power Cable 90000 CKm/Yr LT Control Cable
3	Optical Fiber Cables [upto 144 Fiber Cables] UniTube & Loose tube Armoured/DUCT/ADSS/Aerial Fig.8	90000 Km/Year (Loose Tube) 120000 Km/Year (UniTube)
4	Fluoroplastic PVC/PE cables [including FRLS/FS and high temperature screened instrumentation cables and wires]	24000 Cable Km/ Year
5	Electron Beam Irradiated Cables	60000 Cable KM/Year
6	PTFE Micro Powder	120 MT/year

# Power & Control Cables



## XLPE CABLES

- 1 KV to 33 KV
- Control Cables up to 61 Cores
- Single Core cables up to 1000 mm Sq.
- Multi core cables up to 400 mm Sq.
- Armored or Unarmored type
- HT / LT Aerial Bunched Cables
- Jacketing Material—FR/FRLS PVC, PE, LSOH
- Fire Survival, Under Water Cables



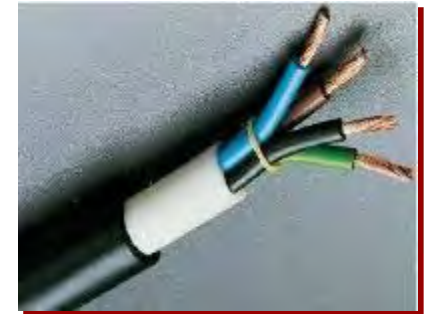
## PVC CABLES

- Power Cables up to 1.1 KV
- Control Cables up to 61 Cores
- Railways Signaling & Auto Cables
- Screened instrumentation Cables
- House wiring and Flexible cables
- Flat Cables for submersible pumps
- Airport lighting and mining cables.
- FRLS / FR / HR / Fire Survival Cables
- *Ebeam Cross Linked PVC and LSZH cables*

# Elastomeric Cables



- Capability to offer Thermoset Elastomeric Insulation and sheaths Vulcanized by Chemical curing, Hot Air curing and Electron Beam curing
- Elastomeric Insulated Cables, Flexible cords, heavy duty HOFR Cables, Welding Cables (General Purpose and HOFR)
- Ship wiring cables, Pressure Tight Cables and cables for submerged connection.
- Railways locomotives and coach wiring cables.
- Mining Cables – Flexible Trailing, coal cutter, pliable armoured and land line cables
- Silicone Rubber high temperature cable.
- Ebeam Irradiated Cables for Wind Mills / Solar PV, Railway Locomotives & Coach wiring, Shipping, Mining etc





# Solar Cables



## Complete range of cables for Solar Projects

- Cables 2.5 to 300 sqmm with Electron Beam Cross-Linking technology as per TuV 2Pfg-1169 /08.2007 PV1F
- Solar PV cables with Rodent resistant feature also available
- Solar PV cables with Flexible Aluminium conductor also available
- Aluminium Armoured Cables with Corrugated steel tape as well as Flat strip/Round Wire armouring for Combiner Box to Inverter available



- Electron Beam Irradiated LT XLPE cables suitable up to 120°C operating Temp available. These cables can offer 15% extra current rating over conventional LT XLPE
- Medium Voltage cables up to 33/33 KV up to 400 sqmm



# Wind Mill Cables



- Major supplier of Wind Mill Cables in India
- Wide range of Cables for Wind Mill sector



LT Elastomer Cables with Chemical Cross Linking

LT Elastomer Cables with EBeam Cross Linking

MV Elastomer & XLPE Insulated Cables up to 33 KV

LT PVC & XLPE cables

- The product range includes cables for Nacelle that withstand Torsion, for Tower (both Copper & Aluminium) and others.
- Bare or Annealed Tinned Copper or Aluminium Flexible conductors as per requirements
- EPR Insulated and sheath Options PCP, CSP, CPE
- Flame retardant Sheaths available
- Operating range from -20°C (-40°C optional) up to 90°C
- Operating Temp. range upto 145°C by Ebeam process
- Major supplier in India to Suzlon, Wind World, Gamesa etc

# Cable for Nuclear Plants



- Apar is a major supplier for cables in India to Nuclear Power Industry



- Cables to meet 40-60 year life expectancy
- Cables meet Thermal ageing followed by Radiation resistance tests, LOCA test, MSLB meeting IEEE-383, and associated Fire performance and environmental performance tests
- Major supplies made to various Atomic Power Plants at Narora, Rajasthan (RAPP), Tarapore, Kakrapar, Kundakulam, Kalpakkam, Madras, Kaiga etc



# E-Beam facility



## Overview:

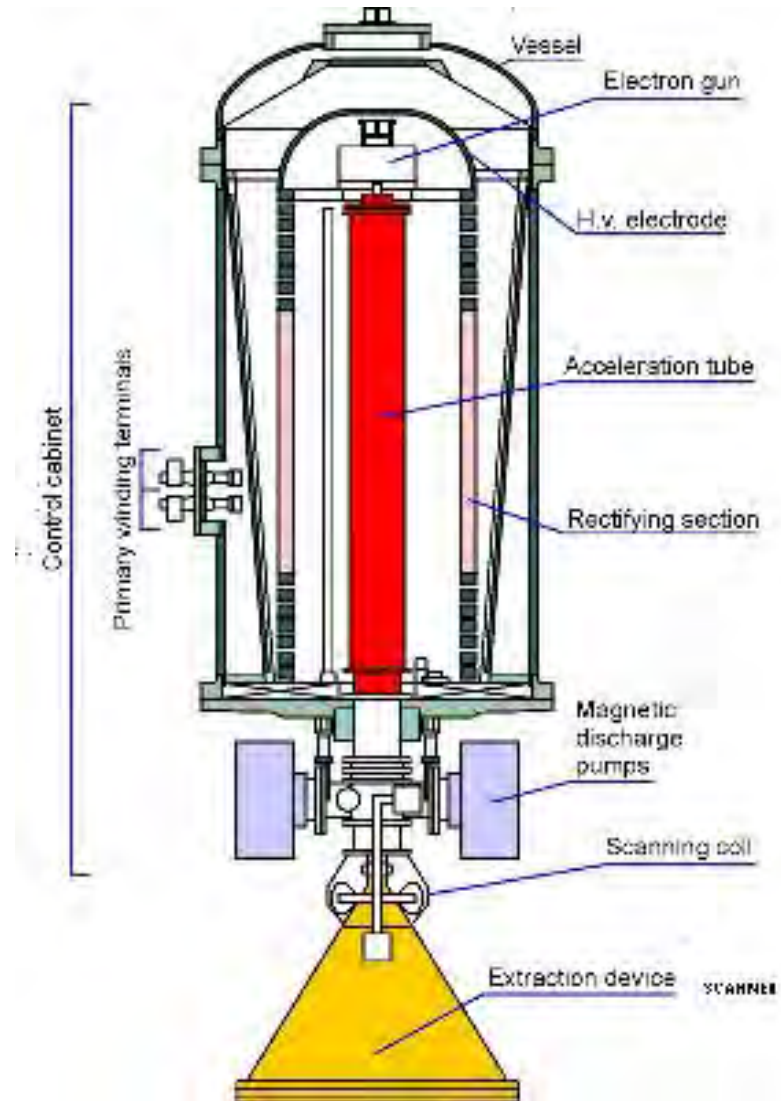
- Apar project set up over 75000 SqM land area.
- Only site in India starting with 2 Electron Beams: 1.5 MeV and 3.0 MeV to cover wide range of cables and handling system
- Under Beam handling system for several other products viz. PTFE Powder, Foam PE sheets, Heat Shrink Tubes & Moulded parts, PE Pipes, Packaging sheets etc

## Technology:

- An Electron Gun is housed in a thick vessel where electrons are accelerated in an acceleration tube and are directed to a scanning device magnetically to scan
- The Cables are passed under the beam thru set of under-beam equipments

## Benefits:

- Superior cross linking of polymers
- Superior Thermal & Mechanical properties



# Products handled at E-Beam facility

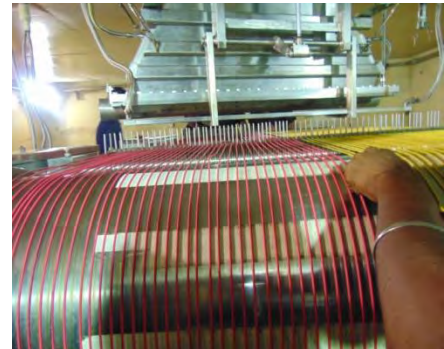


## Cables

- Locomotive Cables
- Ship Wiring Cables
- Windmill Cables
- Solar Cables
- Automotive wires
- Building wires
- Fire Survival wires & Cables
- Mining Cables
- Appliance Cables/Wires
- PVC insulated winding wires
- Aerial Bunch Cables

## Service Centre Products

- Heat Shrink Tubes
- Thin wall sleeves/tubes
- Wrap around sleeves
- Bus bar sleeves
- Moulded components & O-Rings
- Foam PE & PE Sheets
- Polymeric Insulators
- Diamond Irradiation
- Hot Water Tubes
- PE Pipes, Hoses etc
- Medical Sterlization
- Teflon powder



# APAR ANUSHAKTI Flexible Wires



- Can take >40% extra current loading for continuous use, a cushion for future loading or possible size reduction
- Non-softening, Infusible & non-dripping under overload and short circuit conditions to prevent Short Circuit thus ensure Fire safety
- Does not melt easily in contact with hot objects.
- High Oxygen & Temperature Index for improved fire retardancy: Self extinguishing and does not spread fire
- High Insulation Resistance, avoids any electric shock
- Rugged mechanical properties—superior abrasion, cut through & crush resistance. Better ageing property thus longer life of wires



**APAR ANUSHAKTI**

Cross sectiona l area	Number/ Nominal Diameter of each strand	Nominal Thickness of Insulation	Approx Wire Outer Diamete r	Max. DC Resistance of conductor at 20°C	Current Carrying capacity for <b>"APAR ANUSHAKTI"</b> FR PVC Insulated wires, 2 wires, single phase <b>(40% extra current loading for continuous use assured)</b>	
					In-Conduit	un-enclosed
sqmm	no./mm	mm	mm	'Ω/Km	Amps	Amps
0.75	11/0.3	0.6	2.4	26.00	9	14
1.00	14/0.3	0.6	2.6	18.10	16	24
1.50	22/0.3	0.6	3.1	12.10	20	32
2.50	36/0.3	0.8	3.8	7.41	27	44
4.00	56/0.3	0.8	4.4	4.95	36	58
6.00	84/0.3	0.8	5.0	3.30	47	74





# Aerial Bunched Cables



11 KV Aerial Bunched Cable



Service Drop Aerial LT Cable

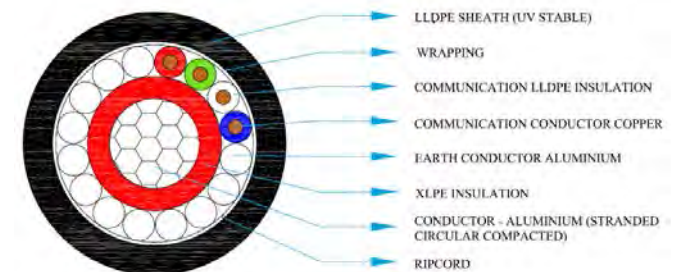
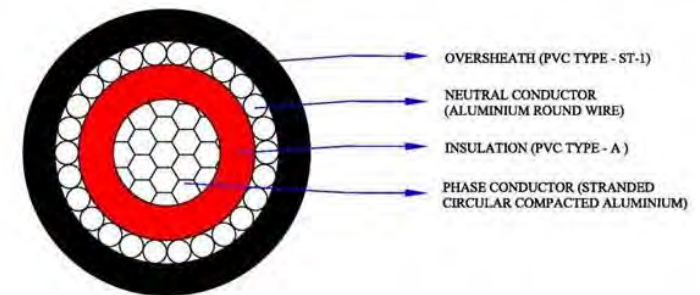
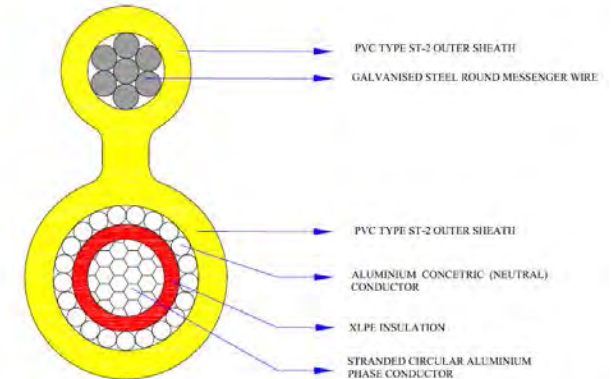


LT ABC Cable

# UNIDAC Cables (Prevent Theft of Electricity)



- Small overall diameter – concentric design
- Light weight – due to smaller diameter
- Increased safety
- Temper & vandal proof
- Unauthorized access to phase conductor inhibited by concentric layer
- Sizes 1x6/6, 1x10/10, 1x16/16, 1x25/25  
Higher sizes on request
- Can be offered in Aluminium or Copper
- CNE & SNE Options



# Medium Voltage Covered Conductors



- No interruptions by contact of Tree branches.
- No faults with short duration touching of phase conductors during wind conditions.
- Phase to Phase conductor distance can be reduced (reduce the Tower costs)
- Ideal and safer solution for installations for River/Lake/Railway/Road Crossings and in populated areas.
- Can protect Big birds like Peacocks, Flamingos etc, ideal for installations in Forest areas and in Bird sanctuaries
- Covered conductors are a cheaper alternative to underground cable and also to ABC cables, especially in difficult terrain and in densely populated areas.
- Lines near to areas where the public visit are not so dangerous because of accidental touching
- Overcomes costly Right of Way issues and Line can be commissioned faster



- A – Semicon Tape & Extrusion  
B – XLPE Insulation  
C – UV Protection and Anti-Tracking HDPE

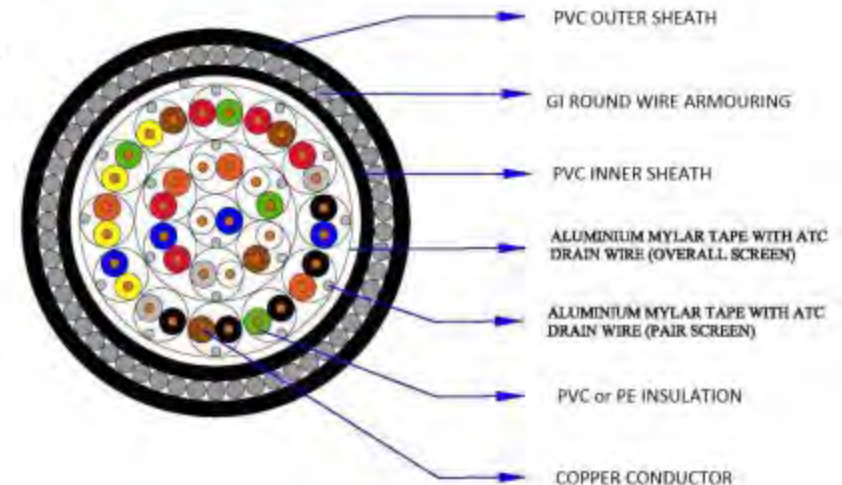
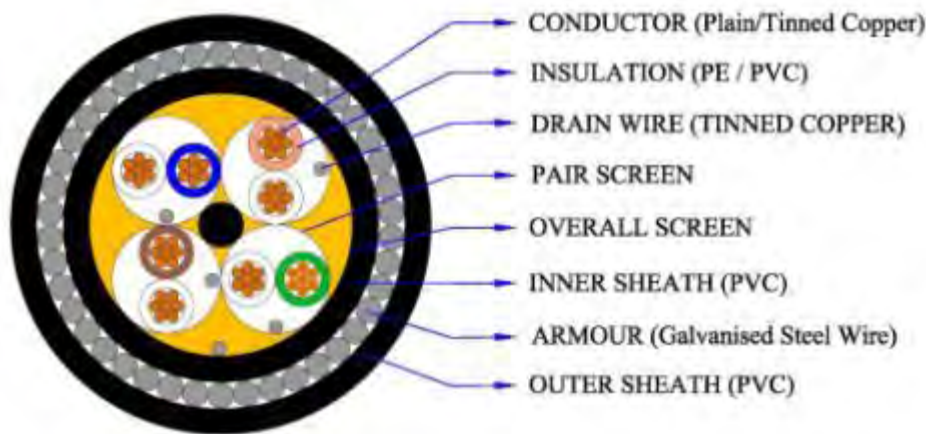




# Instrumentation Cables



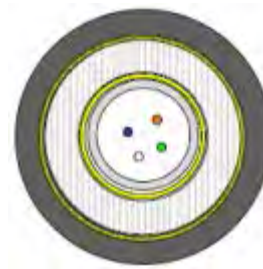
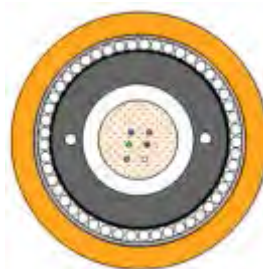
- Cables in Pair/Triad/Quad construction
- Individually and / or Overall screened
- Armoured/Unarmoured construction
- Screening of Aluminium Mylar Tape & Drain Wire (and / or Screening of ATC Braid)



# Fiber Optic Cables



- Loose tube Cables from 2 to 432 Fibres and Unitube Cables upto 24 Fiber in Various constructions viz. Duct, Armoured, Aerial, FTTH, Indoor Types etc.
- Ribbon Cables up to 512 F
- SM: G652B / G652D / G655 / G657A / DSF & Multimode Fibers (OM1, OM2, OM3, OM4)
- Self Supporting ADSS & Fig.8 Aerial Cables
- Composite & Hybrid Cables
- Custom built cables designed for specific applications eg. Heavy / Light Density Tow cables for Sonar & Mine sweeping, Torpedo Cables



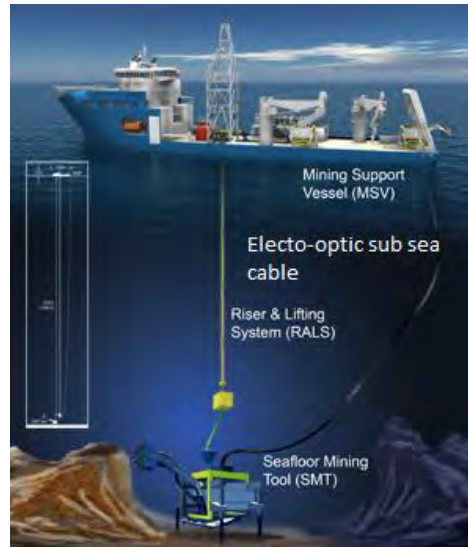


# INNOVATIVE CABLE SOLUTIONS

## UMBILICAL, TETHER and ROV Cables



Associated with DRDO/NPOL for over 15 years for development of specialized import substitution cable products.

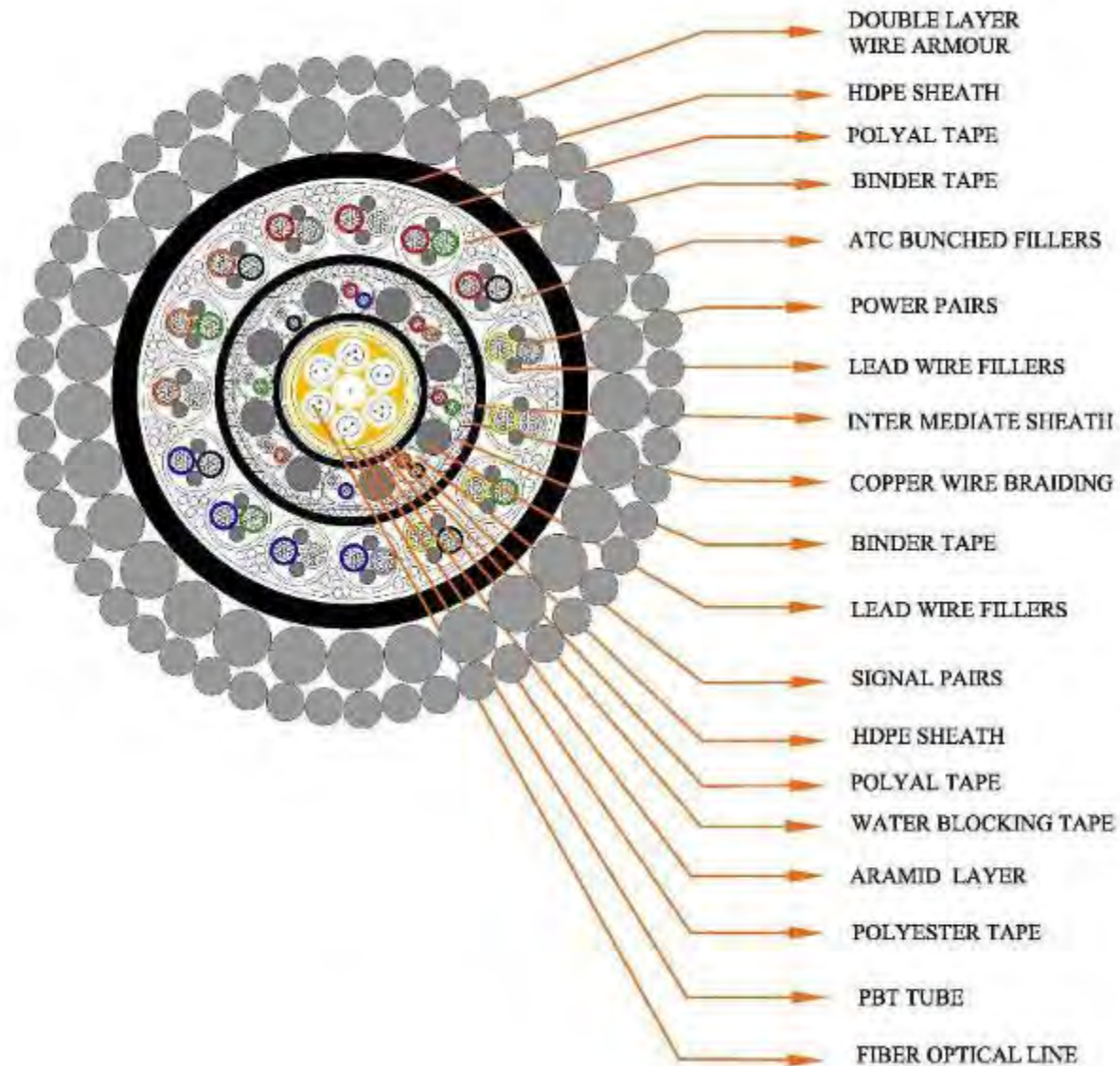


Some of the cables developed are for:

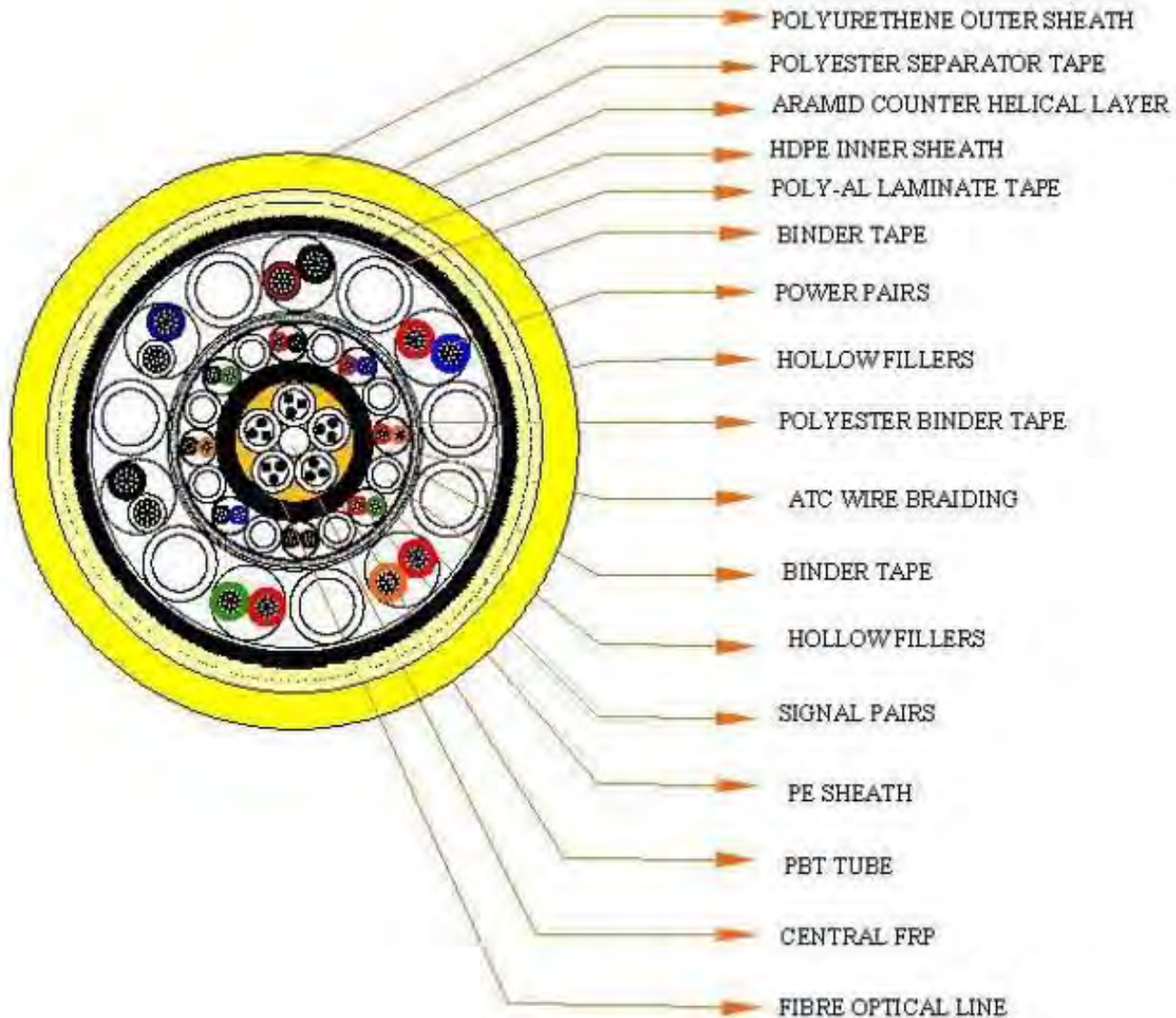
- Heavy Tow & Low Tow Cables for NPOL
- Mareech cable for NPOL and for BEL
- Hybrid Fiber Optic Cables (25 Km Length) for UWR Goa
- Electromechanical Cables for NIOT Chennai
- Tether Cable for ADRDE Agra for Air Surveillance Balloon system
- Torpedo Fiber Optic cable (50 Km Length) for NSTL
- Tactical Fiber Optic Cable for Army
- Pressure Tight and Non-Pressure Tight cables upto 60 BAR



# Heavy TOW Composite Cable (Under Water Application)



# LIGHT TOW CABLE (Under Water Neutral Buoyancy Cable)







## DEFENCE RESEARCH DEVELOPMENT ORGANISATION



*Golden Jubilee Year - 2008*

### COMMENDATION CERTIFICATE

awarded to

**Uniflex Cables Ltd., Mumbai**

in recognition of valuable contribution in productionisation of

- **Optical Fiber Armored Tow Cables**
- **Elastomeric & Telecom Cables**
- **XLPE Cables**

based on DRDO Technology

**Dr. A. Sivathanu Pillai**

Distinguished Scientist

Chief Controller, R&D

Defence Research & Development Organisation

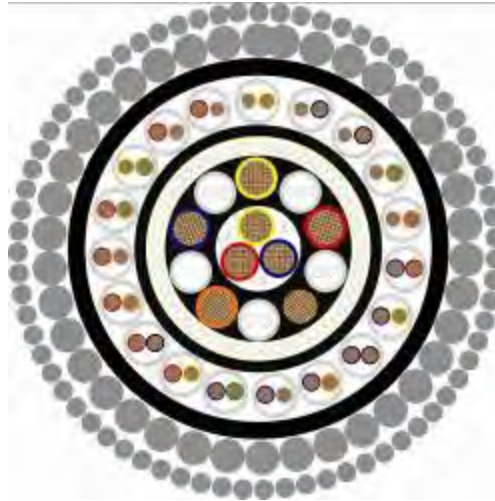
13 December, 2008



# Custom Designed Composite Cables



Fiber Optic Festoon Elastomer Cable



Electro Mech Subsea Cable



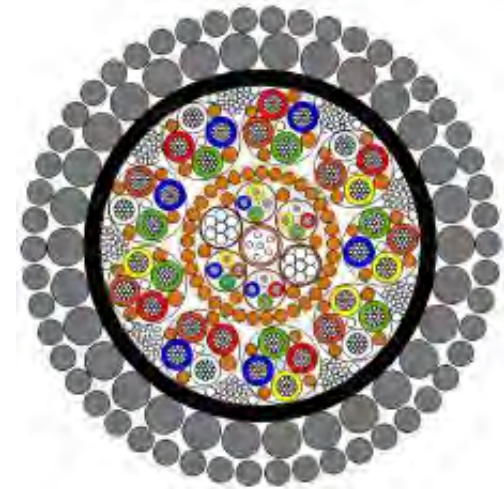
13x16 + 14x2.5 + 6Prx2.5



7x50 + 8x2.5 + 6Px2.5 + 6 Optical Fiber



11 KV 3x95 + 3x95/3



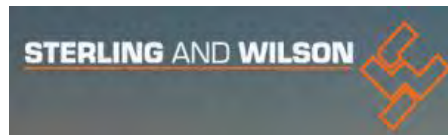
Heavy TOW Subsea Cable

# Our Customers: Energy Sector





# Our Customers: Renewable Energy





# Our Customers: Industry Sector



# Our Customers: Industry Sector

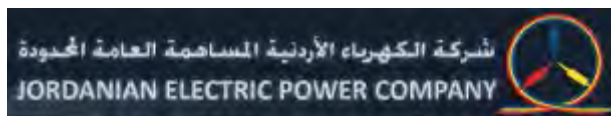


## Mundra Port





# Our Customers – Exports Sector





# Exporting to Countries



- South Africa
- Nigeria
- Sudan
- Angola
- Tunisia
- Mozambique
- Zimbabwe
- Kenya
- Ethiopia
- Uganda
- Tanzania
- Burkina Faso

- Mauritius
- Zambia
- UAE
- Oman
- Syria
- Yemen
- Iraq
- U.K
- Spain
- Malaysia
- Bangladesh
- Nepal

# Contact Us



## Corporate Office

Apar Industries Ltd (Unit: Uniflex Cables)

12/13, Jyoti Wire House, 1<sup>st</sup> Floor,

23A, Shah Industrial Estate,

Off. Veera Desai Road, Andheri (W),

Mumbai – 400 053 (India)

*Tel: +91 22 2674 0001 / 2 / 3*

*Fax: +91 22 2674 0600*

Visit us @ [www.apar.com](http://www.apar.com)

Email: [info.cable@apar.com](mailto:info.cable@apar.com)

## Works

### UMBERGAON

Plot No. 158-163 GIDC, Umbergaon,  
Dist: Valsad, Gujarat – 396 171 (India).

*Tel : +91 (0260) 2562412 / 2563412*

*Fax : +91 (0260) 2562950 / 2562954*

### KHATALWAD

Khatalwad Manekpur Road

Village: Khatalwad, Taluka: Umbergaon

Dist: Valsad, Gujarat, Pincode 396120

Tel: +91 260 2406121, 2406103



Thank you for your patience

