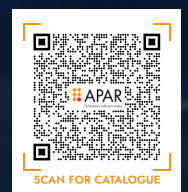


DIVERSE RANGE OF TELECOM CABLE SOLUTIONS

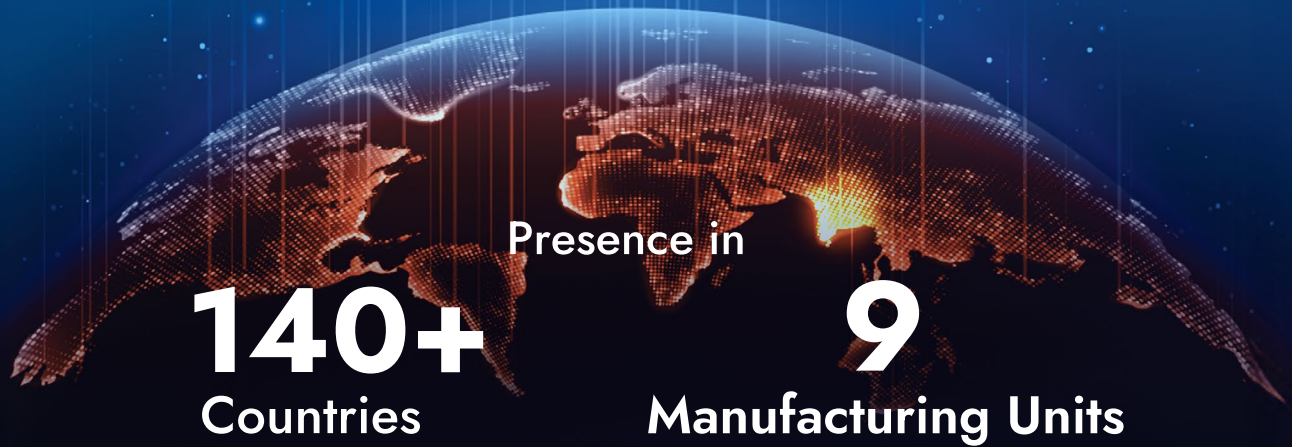


OFC | HYBRID | LAN | SPECIALITY
PRODUCT CATALOGUE

apar.com



APAR EMPOWERING A SMARTER WORLD SINCE 1958



#1
Largest global
aluminium & alloy
conductor manufacturer



#3
Largest global
manufacturer of
Transformer oils



#1
Largest manufacturer of
Renewable & Speciality
Cables in India



Manufacturer of
OFC & Hybrid
Cables

65+
YEARS
of Manufacturing
Experience

\$1.8
BILLION
FY24 Consolidated
Revenue

19.3%
CAGR
Last 5 Years

49% EXPORT REVENUES

TELECOM SOLUTIONS OVERVIEW

APAR is a leading Global Telecom Solutions company focusing on innovative solutions for global markets. The uniqueness lies in its design and manufacturing capabilities supported by backward integration. The wide range of tele-communication Optical Fibre Cable and Hybrid Cable products have been carved out from its rich experience across Telecom, Defense, Power and Transport industries over the years. APAR Telecom services has capability and potential to create digital networks, passive infrastructure gateways and network densification for Urban (Mobility Networks and FTTx, broadband Networks), Rural (Middle Mile and Last mile connectivity), Defense MHA (Border & Cantonment Fortification) and Enterprise Connectivity (across multiple Industries).

APAR's Telecom Solutions is driven by Innovation, customer-centricity and sustainability.

WORLD CLASS PRODUCTION FACILITIES

APAR offers an extensive range of fibre optic cables for outdoor, indoor and speciality applications, ranging from 1F to 864F, and up to 1152F in ribbon design, with an installed capacity of 200,000 km of cable per annum.

We are also capable of manufacturing and delivering customised cables for special applications, such as specific diameter micro cables for FTTX, drop cables with G 657 bend insensitive fibre for last-mile connectivity, and long span ADSS (All Dielectric Self-supporting) aerial cables designed to be strung alongside power lines.

Our state-of-the-art machinery enables us to manufacture all types of fibre optic cables along with highly equipped quality system, accredited with ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 27001:2013 & TL9000 from BSI and IRCLASS. Over the past 25 years, we have supplied wide range of Fibre Optic Cables across various sectors.



World Class Fibre Optic Cable Manufacturing Facilities.

APAR TELECOM SOLUTIONS

OFC - OPTICAL FIBRE CABLES

APAR Telecom tailors high-capacity cable solutions for data centers, ISPs, telcos, and worldwide internet companies. APAR Fibre optic cables surpass copper lines in both capacity and transmission distance, enhancing internet speed upto 100 Gbps. APAR offers a comprehensive range of fibre optic cables for different communication needs, including aerial, underground, microduct, ribbon, IO, and indoor cables meeting international standards in a contemporary manufacturing facility certified with ISO, OHSAS, and TL9000. APAR's commitment to quality ensures that cables are manufactured to global standards and customer specifications.

APAR Telecom, a Global Telecom Solutions Leader, offers innovative connectivity solutions for:

Urbanisation: Mobility Networks across 4G/5G/6G and FTTx broadband Networks.

Rural Connectivity: Bridging the digital gap of fibre across rural regions.

Border Fortefication: Defence & MHA with border communication solutions.

Enterprise: Data centers, Railways & Metro's, Airports, Power Utilities, Renewable Solar & Wind Solutions, Oil & Gas, Mining, Space and many more.

HYBRID CABLES - GIGAVOLT

The Giga-Volt hybrid solution incorporates both fibre and copper conductors in one cable that deliver power and data to a remote device through copper and fibre medium. As the connectivity needs converges, APAR hybrid cables will assist builders to meet their demand with this unique cable designs across multiple use cases across 5G, Wi-fi, DAS, IOT & M2M

Reduced Environmental Impact: Giga-Volt combines power and data transmission into a single cable, eliminating the need for separate cables and reducing overall material usage.

Cost-Effective Installation: By deploying a single Giga-Volt cable instead of separate power and data cables, service providers save time, space, and capital during installation.

Faster Network Rollout: Giga-Volt acts as a unified solution, streamlining network infrastructure and facilitating faster deployment of advanced networks like 5G.

Simplified Cable Management: Using a single Giga-Volt cable reduces complexity by eliminating the need to manage multiple cables at the field level.

Lower Total Cost of Ownership (TCO): Giga-Volt offers a slim design and supports all network topologies, potentially leading to a lower overall cost of ownership for the network.

LAN CABLES - TARANG SHAKTI

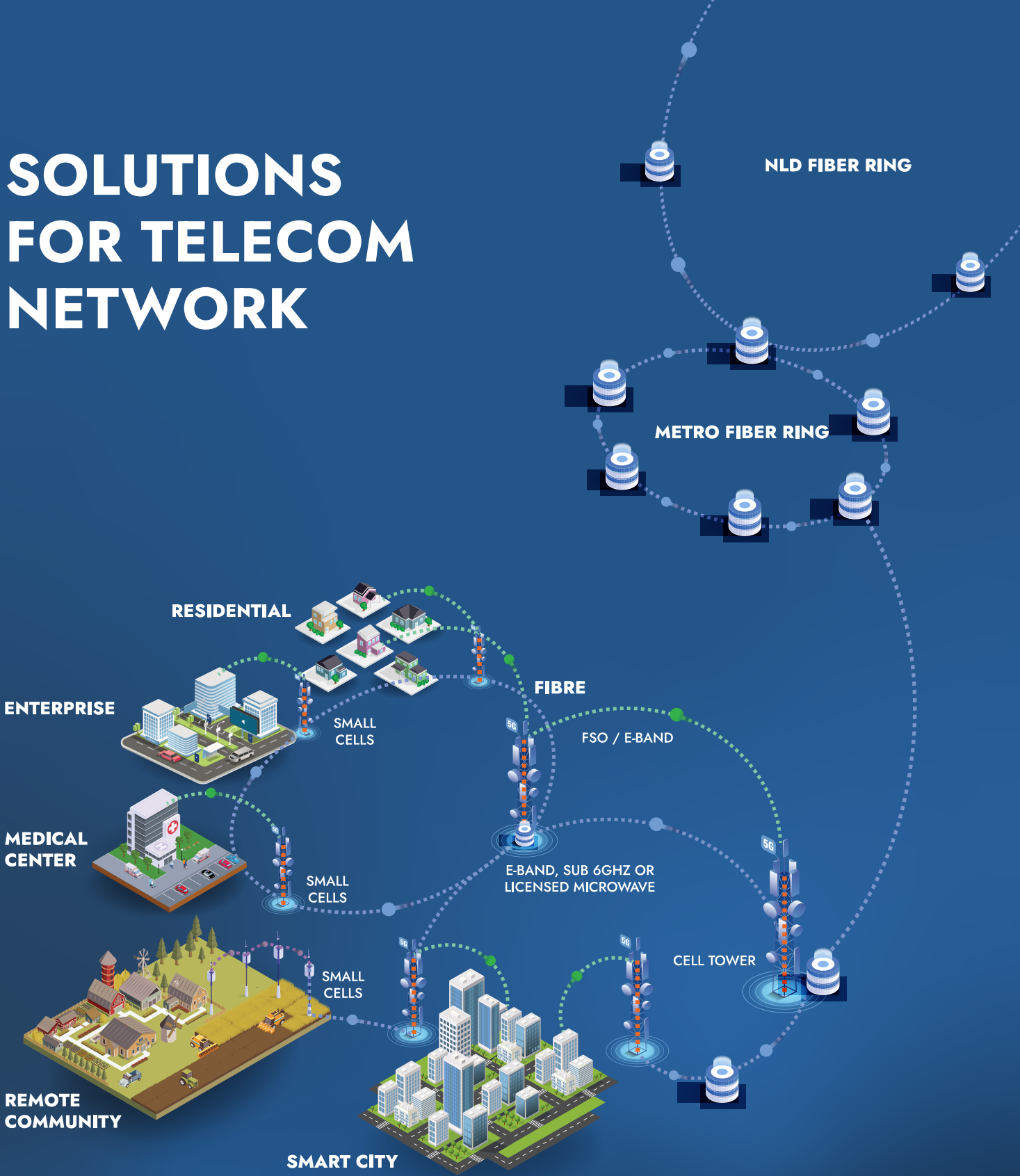
High-performance connectivity meets personalized solutions at APAR While known for superior materials and global standards (ANSI/TIA, ISO/IEC, EN, UL/ETL/TUV), APAR goes beyond LAN cables. We distinguish ourselves by:

Customised Solutions: Avoid off-the-shelf. Our skilled team creates LAN cable and optical fibre solutions for your specific needs, maximizing efficiency and exceeding expectations.

Engine of Innovation: We invest extensively in R&D, pushing technology forward. Access innovative solutions to meet rising bandwidth, speed, and reliability needs. We set industry standards, not merely meet them.

Devoted Partnerships: We value long-term connections over transactions. Our attentive crew ensures a smooth and worry-free experience from initial consultations to post-installation support.

SOLUTIONS FOR TELECOM NETWORK



APAR TELECOM SOLUTIONS

- DUCTOFIB** Underground Fibre Optic Cables
 Duct | Armoured Cables | Micro
- AERIOFIB** Aerial Fibre Optic Cables
 ADSS | DROP | FTTH
- GIGA-VOLT** Fibre Optic Hybrid Cables
 (Copper+Fibre)
- LMCONNECT** Wireless Connectivity
 Small Cell | FSOC | WiFi

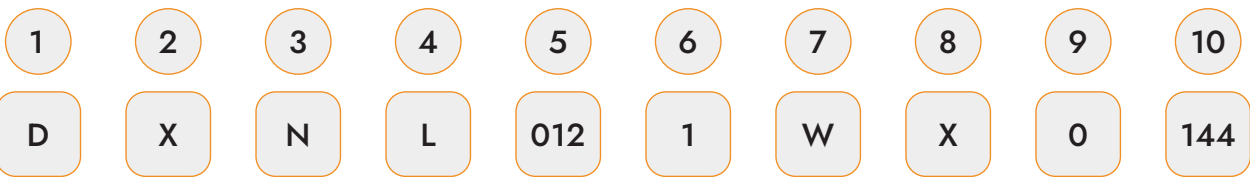
OFC | ORDERING GUIDE

OPTICAL FIBRE COLOUR CODING

OPTICAL FIBRE AND OPTICAL FIBRE LOOSE TUBES COLOUR CODING AS PER EIA/TIA 598 INTERNATIONAL STANDARD



CATALOGUE CABLE CODING SYSTEM



1 | Installation

- A = Aerial Self Support
- B = Direct Buried
- D = Duct
- M = Figure8
- P = Drop/Rise

2 | Fire Rating

- R = Flame Retardant
- S = Fire Survival
- X = No Fire Rating

3 | Construction

- M = Metallic
- N = Non-metallic

4 | Buffer Type

- L = Loose Tube
- R = Ribbon Tube
- T = Tight Buffer
- M = Micro Module

5 | Fibre/Tube Or Buffer

001 to 144

6 | Number Of Jackets

- 0 = No Jacket
- 1 = Single Jacket
- 2 = Double Jacket
- 3 = Triple Jacket

7 | Water Protect Type

- W = Wet Tube - Wet Core
- R = Wet Tube - Dry Core
- Y = Dry Tube - Dry Core

8 | Type Of Armour

- C = Glass Yarn
- F = Steel Tape
- W = Steel Wire
- P = FRP
- A = Aluminum Tape
- X = No Armour
- B = Wire Braided
- U = ACSR Wire
- M = Copper Wire

9 | Fibre Type

- 0 = G652D
- 1 = G654
- 2 = G655
- 3 = G656
- 4 = G657A1
- 5 = G657A2
- 6 = G657B1
- 7 = G657B2
- 9 = G657B3
- 10 = OM1
- 11 = OM2
- 12 = OM3
- 13 = OM4

10 | Fibre Count

0001 to 1152

**Example:
Standard 44F Duct cable**

Code = DXNL0121YX0144

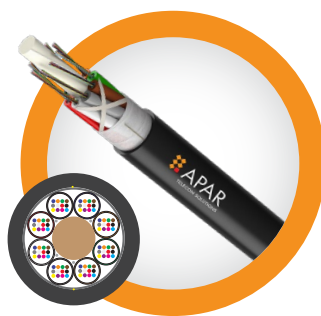
OPTICAL FIBRE CABLES

DuctoFib Product: Duct Fibre Optic Cables

APAR's DuctoFib Duct Fibre Optic Cable provides robust durability and reliability for outside plant (OSP) applications. Available in both Mono-Tube and Multi-Tube designs. These cables are suitable for various environmental conditions, whether dry or wet. Supporting all fibre types up to 1152F, they are ideal for blowing applications across diverse use cases that require connectivity via ducts. Setting up networks in extreme conditions and varied climatic circumstances for reliable connectivity, APAR's Duct Fibre Optic Cable delivers a dependable solution.



Unitube Single Jacket Dielectric Cable
Range: 1F-48F



Loose Tube Single Jacket Dielectric Cable
Range: 1F-864F



Loose Tube Double Jacket Cable
Range: 1F-864F



Loose Tube Ribbon Fibre Single/Double Jacket Cable
Range: 48F-1152F

PRODUCT FEATURES

- ◆ Small size, lightweight, flexible and easy to install in ducts
- ◆ High Tensile and crush resistance, UV protection
- ◆ Available in wide range of 1F-48F (Unitube) & 6F-1152F (Loose Tube) in both single-mode and multi-mode fibre variants
- ◆ Available with UL and CPR Ratings
- ◆ Operational Temperature -40°C to +70°C

PRODUCT APPLICATION

- ◆ These cables can be installed in ducts with either pulling or blowing techniques
- ◆ Also with lashing technique products can be installed for aerial use.

COMPLIANCE STANDARDS

IEC 60793, IEC 60794, EIA/TIA, ITU-T, Telcordia GR-20



Duct Laying



Better Flexibility



Water Resistant



UV Protected



Flame Retardant



Scan to download the complete range of **DuctoFib Cables** Catalogue



Note: Customized specifications can be made available upon specific request.

ArmoFib Product: Armoured Fibre Optic Cables

APAR's ArmoFib cables shield data in harsh environments. Ruggedised metal armor ensures durability in underground environment. Choose from ECCS, stainless steel, or aluminum options to suit your armoring needs. ArmoFib provides unmatched durability making cable crush-resistant and rodent-proof. Supports all fibre types, upto 1152F in uni-tube & multi-tube designs to build reliable networks in extreme conditions.



Unitube Single Jacket
Steel Tape Armoured Cable
Range: 1F-48F



Unitube Double Jacket
Steel Wire Armoured Cable
Range: 1F-48F



Unitube Ribbon Fibre
Double Jacket Steel Tape
Armoured Cable
Range: 48F-144F



Loose Tube Single Jacket
Steel Tape Armoured Cable
Range: 12F-864F



Loose Tube Double Jacket
Steel Tape Armoured Cable
Range: 12F-864F



Loose Tube Double Jacket
Steel Wire Armoured Cable
Range: 12F-576F



Loose Tube Double Jacket
Braided Armoured Cable
Range: 12F-576F



Loose Tube Ribbon Fibre
Single Jacket Steel Tape, Cable
Range: 48F-1152F

PRODUCT FEATURES

- ◆ Available in wide range of 1F-48F (Unitube) & (Loose Tube) 6F-1152F in both single-mode and multi-mode fibre variants
- ◆ High Tensile and crush resistance, UV protection
- ◆ Rodent and Termite resistant
- ◆ Operational Temperature -40°C to +70°C

COMPLIANCE STANDARDS

IEC 60793, IEC 60794, EIA/TIA, ITU-T, Telcordia GR-20, EN187000 and Customer specifications



Underground



Rodent Resistant



Water Resistant



UV Protected



PRODUCT APPLICATION

- ◆ Long haul underground/direct burial communication system
- ◆ Junction communication system
- ◆ Inter-office connections for video/data transmission
- ◆ LAN/WAN/SCADA/telemetry systems

Note: Customized specifications can be made available upon specific request.

Scan to download
the complete range of
ArmoFib Cables
Catalogue



AerioFib Product: Aerial Fibre Optic Cables

APAR's AerioFib is a range of all-dielectric and self-supporting (ADSS) fibre optic cables. These aerial cables are specifically designed for easy and economical installation where metallic messengers can't be used like power lines, street furniture. AerioFib includes versatile range of fibre counts—from 1F to 432F for in Unitube, Loose Tube, and ribbon configurations. APAR Aeriofib also include metallic Fig 8 range for harsh long distance robust network. AerioFib delivers a dependable solutions for all weather conditions via faster mode of installation.



Short Span Unitube
Single Jacket ADSS Cable
Range: 1F-48F



Medium Span Loose Tube
Single Jacket ADSS Cable
Range: 12F-432F



Medium & Long Span Loose Tube
Double Jacket ADSS Cable
Range: 12F-432F



Loose Tube Ribbon Fibre
Single Jacket ADSS Cable
Range: 48F-432F



Unitube Single Jacket,
Fig 8, Aerial Cable
Range: 1F-48F



Loose Tube Single/Double Jacket
Fig 8, Aerial Cable
Range: 12F-288F

PRODUCT FEATURES

- ◆ Available in wide range of 1F-432F, in both single-mode and multi-mode fibre variants
- ◆ Available for light, medium and high loading conditions
- ◆ Lightweight, flexible and easy to install
- ◆ Available with Anti-tracking material for installation along high tension lines
- ◆ Fig - 8 cable facilitates longer & reliable installation in non-dielectric conditions
- ◆ Operational Temperature -40°C to +70°C



Aerial Cable



Better Flexibility



Water Resistant



UV Protected



PRODUCT APPLICATION

- ◆ Long/Medium/Short span aerial installations
- ◆ Last mile communication system
- ◆ Installation with high voltage power lines (ADSS)
- ◆ Subscriber network system

COMPLIANCE STANDARDS

IEC 60793, IEC 60794, EIA/TIA, ITU-T, Telcordia GR-20, EN187000

Note: Customized specifications can be made available upon specific request.

Scan to download
the complete range of
AerioFib Cables
Catalogue



MicroFib Product: Microduct Fibre Optic Cables

APAR's MicroFib fibre optic cable is designed for specific installations in microducts. The cables are typically deployed in contemporary urban optical networks, particularly in metropolitan regions, where service providers have space constraints or want to use the pre-installed ducts with cables. They provide quick, uninterrupted connection by effectively utilising micro-duct systems and available from 1-288F in Uni-tube and Multi Tube constructions. MicroFib is an excellent solution for both upgrading existing networks and installing new ones.



Unitube
Airblown Cable
Range: 1F-24F



Loose Tube
Microduct Cable
Range: 12F-288F

PRODUCT FEATURES

- ◆ Multiple designs with lowest diameters for optimum duct sizes
- ◆ Higher blowing performance with low friction jacketing materials
- ◆ Available up to 288 fibre count in either single-mode or multi-mode optical fibres with PE / Nylon Outer Jacket
- ◆ Tested and proven for blowing performances
- ◆ Operational Temperature -40°C to +70°C

PRODUCT APPLICATION

- ◆ The cable is designed for blowing in new or existing microducts for long distances
- ◆ Cables can be installed in dense and congested areas for narrow trenching

COMPLIANCE STANDARDS

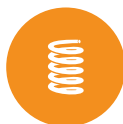
IEC 60793, IEC 60794, EIA/TIA, ITU-T, Telcordia GR-20, EN187000



Microduct Laying



UV Protected



Better Flexibility



Water Resistant



Scan to download
the complete range of
MicroFib Cables
Catalogue



Note: Customized specifications can be made available upon specific request.

Accessofast Product: Micromodule Fibre Optic Cables

Revolutionize your connectivity with APAR's Accessofast cables, redefining the standard for compactness, flexibility and reliability. These ultra-compact marvels are more flexible than conventional cables, simplifying installation in space-constrained environments. Enjoy faster deployment, reduced costs, and seamless communication with our broad range (12F to 288F) of micromodule cables across trunk lines, access networks, FTTH deployments, and data centers. With our meticulously crafted Accessofast cables, boast superior environmental protection for long-lasting, reliable performance, even in demanding conditions.



Single Jacket Micro Module Cable
(Aerial/Duct)
Range: 12F-288F



Double Jacket Armoured
Micro Module Cable
Range: 12F-288F

PRODUCT FEATURES

- ◆ Available in wide range of 12F-288F, in both single-mode and multi-mode fibre variants
- ◆ Excellent design for rapid midspan access
- ◆ High flexibility and easy to install in ducts
- ◆ Easy Midspan access for faster installation
- ◆ Operational Temperature -40°C to +70°C

PRODUCT APPLICATION

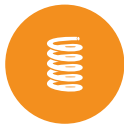
- ◆ Long haul communication system with higher mid span access capability
- ◆ Available for duct, burial & aerial installation

COMPLIANCE STANDARDS

IEC 60793, IEC 60794, EIA/TIA, ITU-T, Telcordia GR-20, EN187000 and Customer specifications



Duct Laying



Better Flexibility



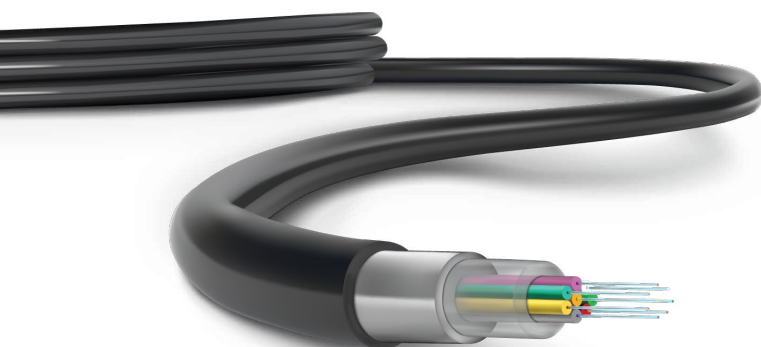
Water Resistant



UV Protected



Easy Strippable



Note: Customized specifications can be made available upon specific request.

Scan to download
the complete range of
Accessofast Cables
Catalogue



Fireproof Product: Fire Resistant/Flame Retardant Fibre Optic Cables

APAR's Fireproof Fibre Optic Cables are specially designed cables for complying specific fire standards. Fireproof cables are suitable for communication networks across all emergency systems and other key equipment's where the fire safety is of utmost importance and are available in customized designs to meet specific needs.



Unitube Single Jacket
Indoor Dielectric Fire Resistant Cable
(850°C - 180 mins)
ISP Range 1F-24F



Loose Tube Double Jacket
Steel Wire Cable
(750°C - 120 mins)
OSP Range 12F-96F



Loose Tube Double Jacket
Braided Cable
(750°C - 120 mins)
OSP Range: 12F-96F



Loose Tube Triple Jacket
All Dielectric Cable
(850°C - 120 mins)
OSP Range: 12F-96F



Tight Buffered Triple Jacket
All Dielectric Cable
(750°C - 120 mins)
ISP Range: 1F-24F



Loose Tube Double Jacket
All Dielectric Cable
(750°C - 120 mins)
OSP Range: 8F-48F

PRODUCT FEATURES

- ◆ Available in wide range of 1F-96F, in both single-mode and multi-mode fibre variants
- ◆ Excellent mechanical and fire survival protection
- ◆ Meeting international fire standards
- ◆ Available with extended fire resistance upto 180 Minutes at 850° C

PRODUCT APPLICATION

- ◆ Fire resistant design is typical installed across public buildings, Tunnels, Metro lines, Airports, Oil & Gas, Critical systems, signaling applications, Warning systems for mine sites, Fire prone areas and other places where very high degree of fire safety and support for critical communication is required

COMPLIANCE STANDARDS

IEC 60793, IEC 60794, EC 60331-25 / AS/NZS 60331-25 ,IEC 60332, AS/NZS 1660-5-2, IEC 61034, IEC 60754 EIA/TIA, ITU-T, Telcordia GR-20, EN187000



Flame Retardant



Fire Resistant



Low Smoke



Water Resistant



Scan to download
the complete range of
Fireproof Cables
Catalogue



Note: Customized specifications can be made available upon specific request.

LMConnect Product: FTTx Cables

Enhance your internet experience with APAR's LMConnect range that provides high-speed last mile connectivity directly to residential and enterprise locations, offering exceptional speed, uninterrupted access, and unparalleled reliability. LMConnect range includes fibre optic cable solutions from 1F-24F, catering the demands of single-family units, multi-dwelling units and businesses. LMConnect eliminates the limitations of copper networks with the forthcoming era of Gbps fibre connectivity.



Flat Drop Indoor Cable
Range: 1F-24F

Flat Drop Indoor Cable
Range: 1F-4F

Flat Indoor Drop Cable (Fig 8)
Range: 1F-4F

Breakout Cable
Range: 1F-24F

PRODUCT FEATURES

- ◆ Available in wide range of 1F-24F, in both single-mode and multi-mode fibre variants
- ◆ Lightweight, flexible and easy to install
- ◆ Available with bend insensitive fibres for indoor and outdoor applications
- ◆ Riser and plenum solutions available with UL ratings
- ◆ Connectorised solutions available for specific usecases
- ◆ Operational Temperature -40°C to +70°C

PRODUCT APPLICATION

- ◆ FTTx communication system
- ◆ Last mile connectivity
- ◆ Inter-office connections for video/data/internet transmission

COMPLIANCE STANDARDS

IEC 60793, IEC 60332, IEC 60794, EIA/TIA, ITU-T, Telcordia GR-20, EN187000



Easy Strippable



Better Flexibility



Water Resistant



UV Protected



Note: Customized specifications can be made available upon specific request.

Scan to download
the complete range of
LMConnect Cables
Catalogue



APAR GIGA-VOLT HYBRID CABLE

Enabling Smart Connectivity
Sustainable Contribution Towards Time, Space & Capital

Lower
TCO

Support All
Network Topologies

Fibre & Power
Slim Cable



5G
Towers



Small Cell
Installations



IoT
Devices



Smart
Metering



Wireless
Cell Sites



Datacenter
Connectivity



GIGAVOLT HYBRID CABLES

GigaVolt

The Giga-Volt hybrid solution incorporates both fibre and copper conductors in one cable that deliver power and data to a remote device through copper and fibre medium. As the connectivity needs converges, APAR hybrid cables will assist builders to meet their demand with this unique cable designs across multiple use cases across 5G, Wi-fi, DAS, IOT & M2M

APAR's Core (AWG) + Fibre Hybrid cables consist of desired number of power cores and optical fibre/'s subunits. These opto electrical units are bunched together with high precision as hybrid unit and covered with corrugated armour or peripheral strength members and high performance UL/CPR listed polymers suitable for outdoor/indoor application. The multiple combination of power and optical fibres are available based on application and requirements.



2-12 Core (4/6 AWG) + 2 - 48 F
Hybrid Trunk / Jumper Cable

3 Core X (4-14 AWG) + 2 - 4 F
IoT - Hybrid Cable

2 Core X 1.0 Sq.mm +1 - 24 F
Aerial Hybrid Mini Cable

2-4 Core X 1.0 Sq.mm +1 - 48 F
Microduct Hybrid Cable

PRODUCT FEATURES

- ◆ Power and Fibre Optic Combination in an Compact Design
- ◆ High Tensile Strength
- ◆ Optimum Bending Radius
- ◆ Operational Temperature -40°C to +70°C
- ◆ UL / CPR Listed Product

PRODUCT APPLICATION

- ◆ Remote Radio Heads
- ◆ Small Cell Towers for Various Spaces
- ◆ Power and Data System for IP Devices
- ◆ DAS Systems
- ◆ Telecommunication Rooms

COMPLIANCE STANDARDS

IEC 60332, IEC 60754, IEC 61034, EN 50575:2014, IEC60331, UL 1277, ICEA S-119-741-2021, Telcordia GR-20-CORE Issue 4, ICEA S-104-696-2019, UL 83, UL 1651



Duct Laying



Flame Retardant



Fire Resistant



Low Smoke



UV Protected



Scan to download
the complete range of
GigaVolt Cables
Catalogue



Note: Customized specifications can be made available upon specific request.

WHERE DATA MEETS EFFICIENCY



APAR's TARANG Shakti Solutions Seamlessly Integrate Data Centers for High Speed Internet Access

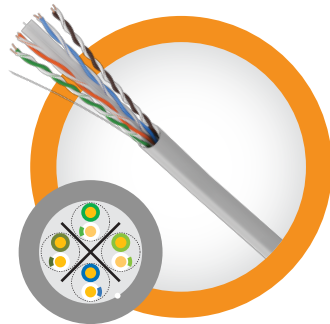
APAR LAN Cables, designed for high-speed network access, feature four twisted copper wire pairs to prevent interference, are flexible, and provide reliable signal transmission, with CAT 6 (With Separator) cables optimized for high-performance data transmission with low Bit Error Rate.

A multi-pair performance cable that consists of twisted pair conductors, used mainly for data transmission. Category 6 is recommended for all new installations, supports a frequency range of up to 250MHz and is designed for transmission speeds of up to 1 gigabit per second (Gigabit Ethernet).

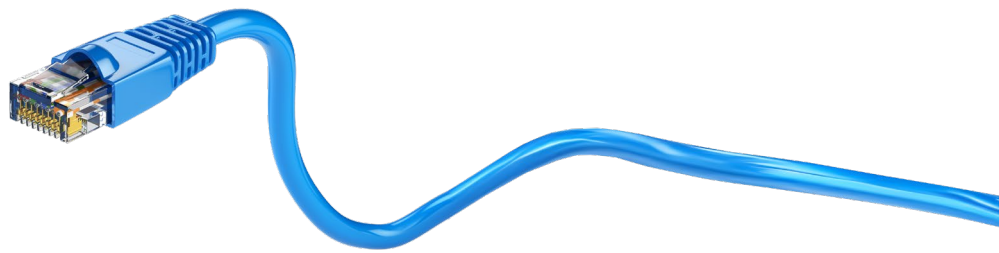
TARANG SHAKTI - LAN CABLES

TARANG SHAKTI

Apar LAN cables provide enhanced performance for transmission of high speed data, digital and analog voice & video signals on Local Area Networks. Our product range supports gigabit ethernet standards(1000bT). Tarangshakti is our brand label in FTP, STP, UTP,SFTP variants with LSZH & Fr PVC jackets for different enterprise & industrial applications.



CAT 6, CAT 6A, CAT 7
U/UTP Cable



PRODUCT FEATURES

- ◆ Multiple bandwidth options
- ◆ Supports gigabit ethernet (1000bT) standard
- ◆ Compatible with all systems according to ANSI/TIA 568-2D
- ◆ Support power over ethernet (PoE)

PRODUCT APPLICATION

- ◆ High speed data transmission
- ◆ Digital and analog voice & video are consistently met
- ◆ Widely used in office networks, data centres, educational institutions & residential setups

COMPLIANCE STANDARDS

Compatible with all common systems according to ANSI/TIA-568.2-D and ISO/IEC 11801



Flame Retardant



Low Smoke



UV Protected



Scan to download
the complete range of
Tarang Shakti Cables
Catalogue



Note: Customized specifications can be made available upon specific request.

SPECIALITY CABLES

Speciality

APAR is one of the few companies globally offering super speciality cables designed and developed for extreme conditions. APAR portfolio includes Heavy and Light Tow Cables, Umbilical Cables, ROV Cables, Tether Cables, Tactical Cables, Torpedo Cables, Composite Cables, Airfield Lighting Cables, Radiation Resistant Cables and many more customised products.

Tactical Cables



Military radars, military radio communication, intercom systems

APAR's Tactical cable solution is deployable in unstable and severe environmental conditions for radars, intercom systems, military radio communication and many other applications. In battlefield/war zones the tactical cables solution withstand tough and harsh conditions, where in the military vehicles such as tanks and heavy military units can drive over the cables without harming them.

Tether Cables



Airborne surveillance system cable

APAR's Tether cables are specially crafted for surveillance and communication & aerostat system. Tether cables are electro-optical mechanical cables which hold balloons at the airborne end, and are connected to winch and mooring systems on the ground. The Tether is strong enough to hold the balloon, and establish electrical and optical connectivity from the ground end.

Under Water Cables



Navy Sonar surveillance system

APAR has both HTC and LTC tow cable for sonar systems for towing the linear array and underwater towed body behind the ship. The tow cables used in the marine environment transmit power to the underwater equipment and carry signals for underwater communication. In addition, these cables are capable of withstanding hydrodynamic forces in the ocean environment caused by waves, currents or towing loads.

Festoon Cables



Power & control cables for cranes, hoists & monorails

Designed for flexible overhead applications, APAR's Festoon specialty cables keep cranes, hoists, and monorails run reliable operation over extended service life. These cables excel in flexible environments, featuring robust construction to withstand flexibility at extreme temperatures, and chemical exposure.

COMPLIANCE STANDARDS

Manufactured to MIL spec and other specialised standards.

Note: Customized specifications can be made available upon specific request.

APAR POWERS THE POWERFUL

SOLUTIONS FOR DEFENCE



APAR Tactical Cables are designed for the army to withstand tough environments. They are plug and play solutions with ruggedised jackets and connectors shielded from abrasion, sunlight solvents, extreme temperatures and more.

FEATURES

- ◆ Fast and trouble-free integration in the field
- ◆ Easy-to-use and reusable
- ◆ Extremely high mating durability
- ◆ Less sensitivity to pollution, dirt and dust
- ◆ Ruggedized connection with high resistance to crushing and shock
- ◆ High tensile strength



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