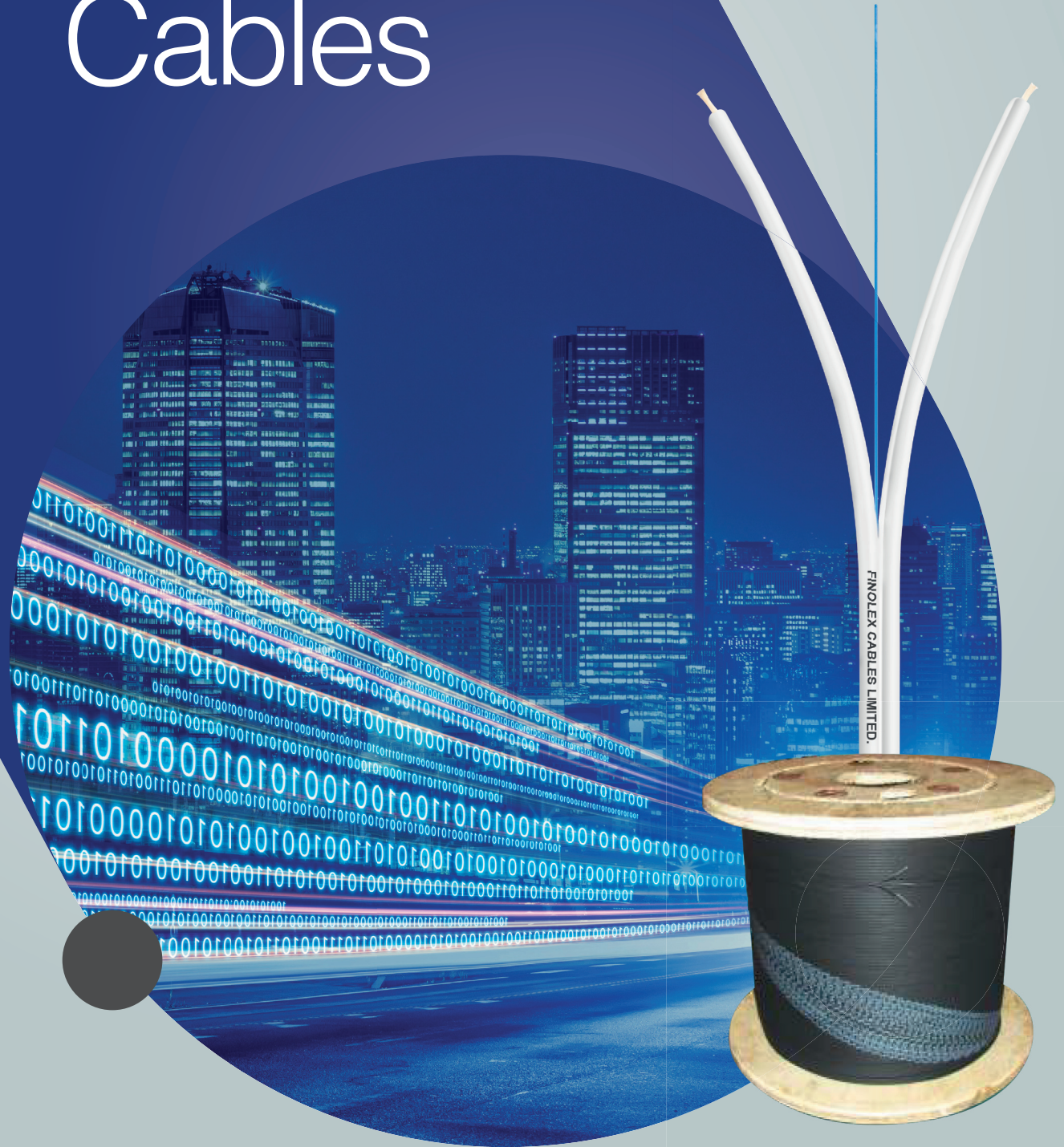


FTTH Cables



FINOLEX CABLES LIMITED

Started in 1958, Finolex Cables Limited is India's largest leading Electrical and Telecommunication cables manufacturer. Finolex Cables has always believed in enhancing its capabilities and augmenting the product basket. In last few years, besides the cable business, the company has forayed into new segments and added new products under Finolex brand name. The company offers Total Electrical Solutions with products like Industrial / Electrical Wires, Flexible Cables, Elevator Cables, 3 Core Flat Cables, Auto Cables, Communication Cables, Telecommunication Cables, Power Cables, Copper Rods, LED Lighting Range, Premium Modular Switches, Switchgear, Water Heaters and elegant looking domestic Fans. Finolex Cables Limited has four manufacturing facilities viz. at Pimpri (Pune), Urse (near Pune), Verna (Goa) and Roorkee (Uttarakhand).

WHY FINOLEX?

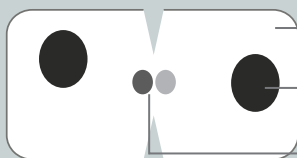
- More than 55 years of trust • Virgin raw materials hence longer life & premium quality products • Wide range of cables.
- In-house production of genuine & world-class Optical Fibre • India's only company with patented technology from OFS, USA for Unitube Cables.

FTTH CABLES

1 or 2 fibres are placed in LSZH/PVC sheath in between two ARP / FRP rods which can be taken out easily from the sheath. The optical fibre used is bend insensitive fibre which is suitable in FTTH network for indoor application.

Cable Description	: 1F/2F Drop Cable for FTTH Application		
Type of Fibre	: Single Mode G.657 A1 / A2		
Cable Construction Details			
No. of Fibres	: 1F or 2F as per requirement		
Fibre Colour	: Blue, Orange		
Strength Member	: Aramid Reinforced Plastic (ARP) / FRP Rod - 2 Nos.		
Outer Sheath	: Low Smoke Zero Halogen or PVC		
Sheath Colour	: Black / White & Translucent		
Optical Characteristics for G.657 A Fibres			
Attenuation 1310nm :	≤ 0.4 dB/Km	Cable cutoff wavelength	: ≤1260nm
	1550nm :	≤ 0.3 dB/Km	Mode Field Diameter @1310nm : 8.6 - 9.5µm (±0.4 µm)
Fibre Geometry			
Coating diameter :	245 ± 10µm	Cladding Non-circularity	: ≤ 1%
Cladding diameter :	125 ± 1µm	Mode Field Concentricity Error	: ≤ 0.8µm
Cable Mechanical Characteristics		Physical Characteristics	
Tensile Strength :		Cable Dimensions	
Installation :	100 N	Width :	3.1 ± 0.2 mm
Operation :	50 N	Height :	2 ± 0.2 mm
Minimum Bending radius :	20 mm	Nominal Cable Weight :	9.5 Kg/km (Nomianl)
Crush Resistance :	500N/100X100	Cable Length Per Drum / Coil :	500 Meter to 2000 Meter
Printing:	The jacket will be marked with contrast color inkjet printing at the intervals of every meter. Details as per requirement.		
Shipping:	Cable shall be shipped on reels / coils packed in corrugated boxes.		

Note: Translucent material is not fire retardant



Outer Sheath

ARP / FRP

Optical Fibre

Advantages

- All di-electric cable
- Simple and fast installation
- Easy for termination
- Light weight
- Self supporting
- Low bend radius

Finolex

Cables Limited

AN IS/ISO 9001 CERTIFIED COMPANY

26-27, Mumbai-Pune Road, Pimpri, Pune - 411018, India.
Tel: 020-27506200 | Visit us at: www.finolex.com
Email: sales@finolex.com
CIN: L31300MH1967PLC016531

FOR TECHNICAL LITERATURE PLEASE CONTACT OUR BRANCH OFFICES: Ahmedabad : Tel: 079-26584637 / 26575639 | Bengaluru : Tel: 9845278680 | Bhubaneswar : Tel: 0674-2971188, 2971922 | Chennai : Tel: 044-28231514/28284141 | Chandigarh : Tel: 9316064670 | Cochin : Tel: 9880088155 | Coimbatore : Tel: 0422-2330997 | Dharwad : Tel: 9880088155 | Goa : Tel: 0832-2782003 / 2782065 | Gurgaon : Tel: 9896763770 | Guwahati : Tel: 9435324398 | Indore : Tel: 7314911723 | Jaipur : Tel: 9929111411 | Kolkata : Tel: 0522-4035031 | Lucknow : Tel: 9560299393 | Mumbai : Tel: 022 - 22820062 | New Delhi : Tel: 9870170171 | Patna : Tel: 9934107999 | Pune : Tel: 020 - 27506200 | Raipur : Tel: 7008336581 | Ranchi : Tel: 8101383841 | Secunderabad : Tel: 040 - 27811161 | Uttarakhand : Tel: 9760045003 | Vadodara : Tel: 9879555568 | Vijayawada : Tel: 9848043967



/finolexcables



/finolexcables



/finolex.cables

ALL INFORMATION GIVEN HEREIN IS IN GOOD FAITH. FINOLEX SHALL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF INCORRECT USE OR INTERPRETATION. In order to derive maximum benefit and utilisation of our products, we advise that these products are stored, installed and commissioned as per the norms prevailing in the place of installation. When decommissioned, these should be disposed using appropriate methods/process specified in respective state / location of use so as not to affect the environment adversely. While every effort has been taken to guarantee that all details and portrayals are correct, this leaflet should not be viewed as a definitive guide or as a proposal of sales for a specific product. Due to variable factors in the production process, shades of the actual product might fluctuate marginally from those portrayed. Model numbers and particulars are for reference purposes only. May subject to change without prior notice.