

## DROP (Optical Fiber Cables)

FTTH DROP CABLE ROUND WITH GFR-YARN DESIGN : Up to 4F

FTTH DROP CABLE ROUND WITH FRP DESIGN AND GFR-YARN : Up to 4F

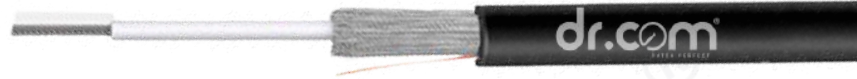
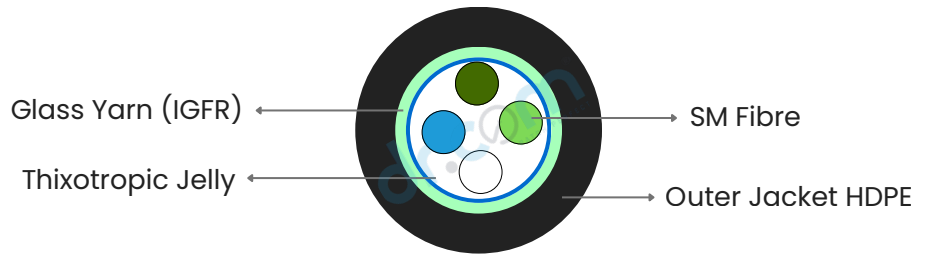
### Key Features

- **Compact & Lightweight Design:** Easy to handle and ideal for quick deployment in last-mile networks.
- **High Flexibility:** Allows smooth routing through walls, ducts, and tight spaces.
- **Easy Installation:** Designed for fast and efficient FTTH installations with minimal effort.
- **Indoor & Outdoor Use:** Suitable for both internal wiring and external drop connections.
- **High Tensile Strength:** Withstands pulling forces during installation without damage.
- **Weather Resistant:** Durable outer sheath ensures reliable performance in varying conditions.



\*Images are for representation purpose only.

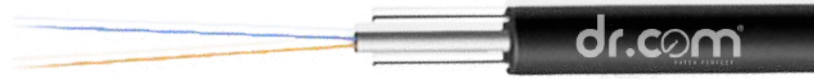
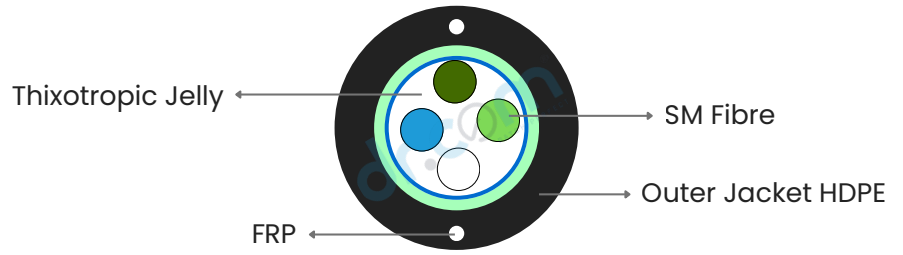
# FTTH DROP CABLE ROUND WITH GFR-YARN DESIGN



## Specification

Cable Type	FTTH Drop Cable Round with GFR-Yarn Design (No FRP)		
Reference Standard	IEC 60794, ITU-T G.652D, G.657A1		
FRP	NA		
Yarn	Glass Fibre Reinforced Yarn (GFR)		
Fiber Capacity	Up to 4 Fibers		
Central Strength Member	NA		
Tube Construction	Loose tube with optical fibers placed centrally in the cable		
Tube Filling	Thixotropic jelly filled tubes		
Core Filling	NA		
Core Wrapping	NA		
Jacket	UV stabilized HDPE		
Key Applications	FTTH networks, last mile connectivity, broadband networks		
Temperature (Operating)	-20°C to +70°C		
Installation Temperature	-10°C to +60°C		
Special Characteristics	Lightweight, flexible, all-dielectric design		
Technical Data	Fiber Count	1F   2F   4F	
	Outer Diameter	4mm ± 0.2 mm	
	Weight (kg/km)	15 kg ± 10%	
Tensile Strength (N)	Temporary	500	
	Permanent	250	
Bending Radius	Temporary	10D	
	Permanent	15D	
Physical Properties	Cable length	2 km & above	1 km & above
	Packing	Drum	Coil
Printing Details	Available in Standard or Customised Printing Options		

# FTTH DROP CABLE ROUND WITH FRP DESIGN AND GFR-YARN



## Specification

Cable Type	FTTH Drop Cable Round with FRP Design (And GFR-Yarn)		
Reference Standard	IEC 60794, ITU-T G.652D, G.657A1		
FRP	2 × FRP Rods		
Yarn	Glass Fibre Reinforced Yarn (GFR)		
Fiber Capacity	Up to 4 Fibers		
Central Strength Member	NA		
Tube Construction	Loose tube with optical fibers placed centrally in the cable		
Tube Filling	Thixotropic jelly filled tubes		
Core Filling	NA		
Core Wrapping	NA		
Jacket	UV stabilized HDPE		
Key Applications	FTTH networks, last mile connectivity, broadband networks		
Temperature (Operating)	-20°C to +70°C		
Installation Temperature	-10°C to +60°C		
Special Characteristics	High tensile strength, robust design		
Technical Data	Fiber Count	1F   2F   4F	
	Outer Diameter	4.5mm & 5.0mm ± 0.2 mm	
	Weight (kg/km)	18 kg ± 10%	
Tensile Strength (N)	Temporary	600	
	Permanent	300	
Bending Radius	Temporary	15D	
	Permanent	20D	
Physical Properties	Cable length	2 km & above	1 km & above
	Packing	Drum	Coil
Printing Details	Available in Standard or Customised Printing Options		

## Fiber Transmission Performance

Parameters	Multimode				Single Mode
	62.5	50	50	50	9
Fiber Core Diameter	62.5	50	50	50	9
fiber Category	OM1	OM2	OM3	OM4	G.652D
Wavelengths(nm)	850   1300	850   1300	850   1300	850   1300	1310   150   1625
Maximum Attenuation (db/km)	3.5   1.5	3.0   1.0	3.0   1.0	3.0   1.0	0.36   0.23   0.26
Bandwidth (MHz*km) 850/1300	200   500	500   500	1500   500	3500   500	NA

### Manufacturing Units

Plot No. 67 & 70, Damanganga Industrial Park-II, New Survey  
 No 3377 & 3380, Old Survey No 399/3/P, 1, Village - Dungra,  
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