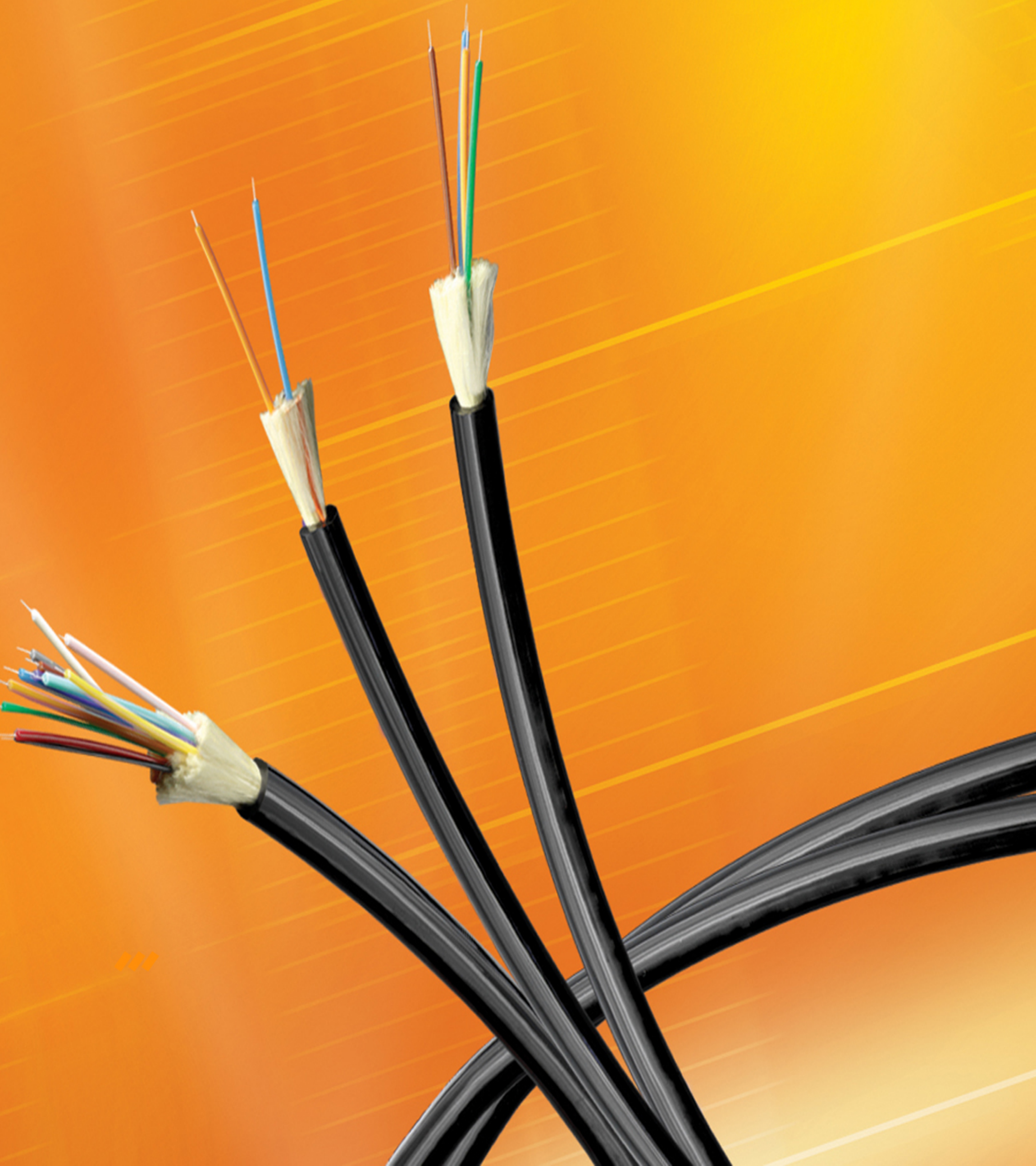
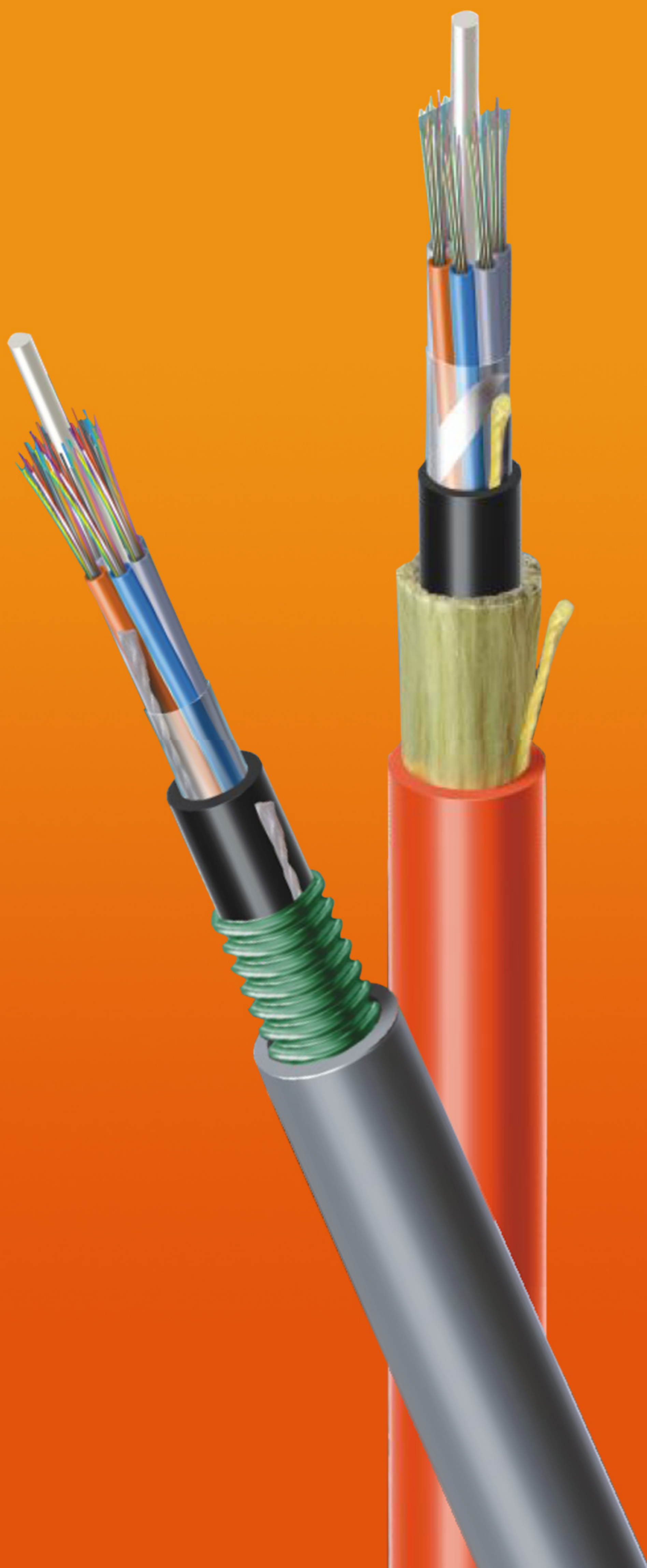




Integrating Global







Focus FibreJet

Profile

BACKGROUND

FOCUS™ began as a venture that combined the ethos & trust with the vision to produce a product that was the need of a growing Telecom Industry. The Group realized this vision by combining Cutting Edge Technology and Local Infrastructure & Expertise to grow into a highly successful business.

OVERVIEW

FOCUS™ is engaged in the production of high quality fiber optic cables. Over time, company emerged as a leader in optical communications, both in Malta as well as abroad. A significant contribution to our endeavors is made by our state-of-the-art manufacturing facility in EUROPE & INDIA, which gives FOCUS™ an impressive installed capacity to cater to the needs of diverse customer base. A large production capacity, coupled with an exhaustive range of fiber optic cables has made FOCUS™ the choicest fiber optics provider.

PRODUCT

Our Research & Development Teams ensure that the product line FOCUS™ produces is both diverse and exhaustive. As a result, the cable solutions we provide find usage across a wide spectrum of Industries. Speciality cables that serve the Medical, IT & Local Area Networks and Cable TV Networks. FOCUS™ offers a robust product portfolio that can meet the largest demand. With a simple but customer-obsessed product philosophy, our aim is to produce a customized world-class cable solution for any client. For any type of fibre optic cables solution, FOCUS™ is committed to meeting a varied customer need, through thorough R&D, executed through World class manufacturing.

QUALITY

Customer Satisfaction is the bedrock of FOCUS™ business philosophy. A philosophy that emanates from the FOCUSTM heritage and transcends product mix & capacity to become an integral part of each aspect of our company. In doing so, FOCUS™ meets extremely stringent Quality Control Standards across Systems & Processes. Through our Human Resource Development, R & D Teams, Manufacturing Practices, and in our daily Management Processes; FOCUS™ penchant for excellence & efficiency is borne out by our ISO 9001:2008 and IS/ISO - 14001:2004 certification. The result is a permanently ongoing effort to improve all the facets of our business. FOCUS™ Quality Policy follows this precise 'customer-oriented' focus, fully implementing the Quality Management System under ISO-9001:2008. To produce the highest quality products, at the best value possible, using the most effective manufacturing methods; all targeted at providing a customer experience unlike any other.

Fibre Optic Cables

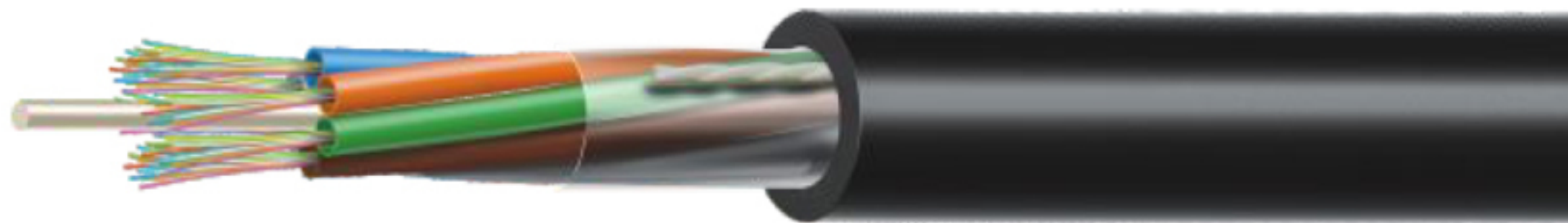


OUTDOOR CABLES

MULTI-TUBE SINGLE SHEATH UNARMoured CABLE (2-144 F)

Applications

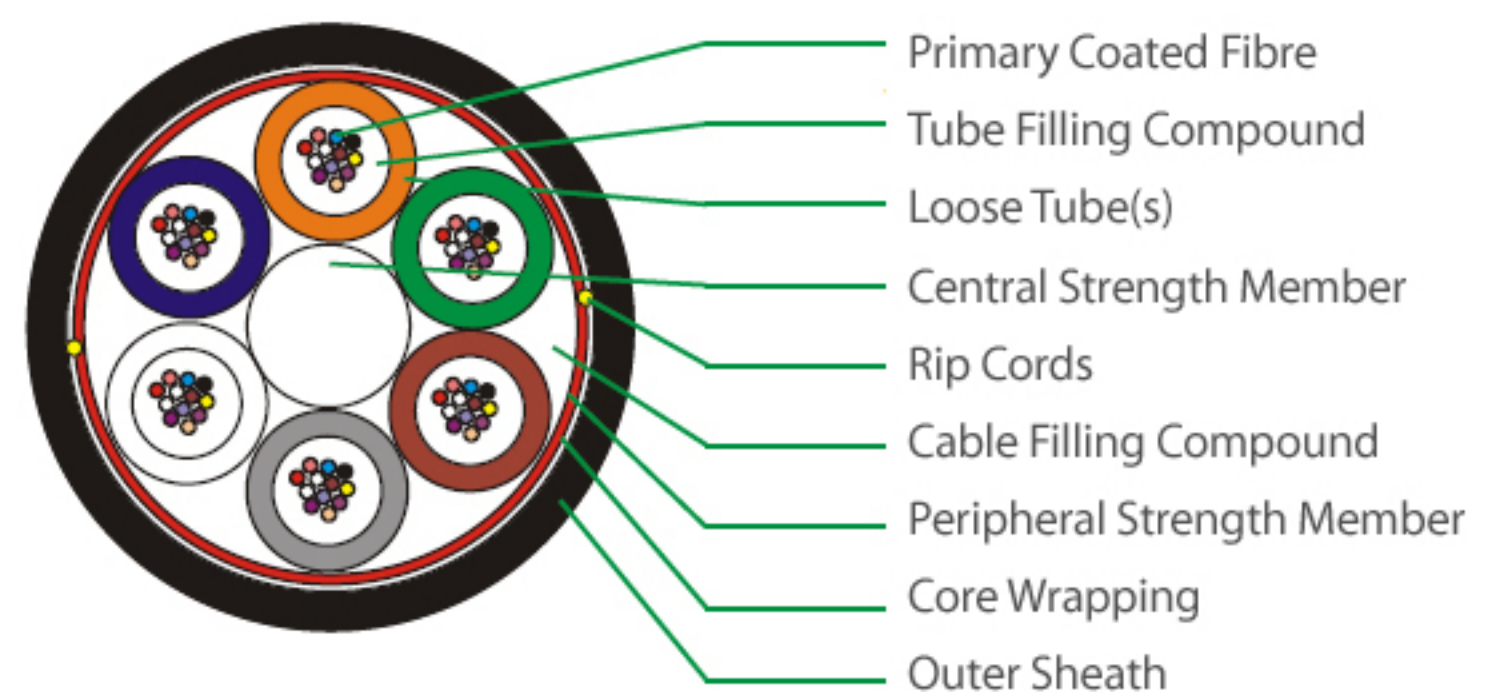
Suitable for Duct Installation, pulled & blown



Cable Construction Details

- Up to 144 enhance low water peak single mode fibres in full compliance with ITU-T-G.652.D (also available with G655 / G656 / G657 SM Fibre and OM1 / OM2 / OM3 & OM4 MM Fibre)
- 2/4/6/8/12 fibre per tube combinations are available in 6/8/12 element construction
- Non metallic, anti-buckling FRP rod as Central Strength Member (also available with steel rod).
- Loose buffer tubes fully filled, S-Z Stranded
- Cable core fully filled with jelly (also available in dry core)
- Glass yarn can be used as peripheral strength member
- S-Z core wrapped with polyester tape / water swellable tape
- Electrolytic chrome plated & Corrugated steel tape armouring
- UV Stabilized PE outer sheath, black (also available with FR PVC & HFFR)

Typical Cross Section of 72 Fibre



Technical Characteristics

FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		BENDING RADIUS (mm)		TEMPERATURE RANGE (IEC 60794-1-2-F1)	
			Installation	Operating	Temporary	Permanent	Installation	Operating
UPTO 48F	9.2	74	1500	750	15D	20D	-10 to +50 C	-40 to +70 C
UPTO 48F	9.2	74	1500	750	15D	20D	-10 to +50 C	-40 to +70 C
UPTO 48F	9.2	74	1500	750	15D	20D	-10 to +50 C	-40 to +70 C
UPTO 48F	9.2	74	1500	750	15D	20D	-10 to +50 C	-40 to +70 C

Color Coding - Fibre & Tube

Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Voilet	Pink	Aqua
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Mechanical Characteristics

Repeated Bending (IEC 60794-1-2-E6)	30 Cycle, r= 20 X D, 5 Kg Load, D = Cable D
Torsion Resistance (IEC 60794-1-2-E7)	10 Cycle (± 360°) 5 Kg Weight, L= 2 Mtr
Crush Resistance (IEC 60794-1-2-E3)	2000 N (100 X 100 mm) for 600 sec
Impact Resistance (IEC 60794-1-2-E4)	Height 500 mm, Weight = 5 Kg, 3 Nos
Kink Resistance (IEC 60794-1-2-E10)	10 x D, D = Cable D
Water Penetration (IEC 60794-1-2-F5B)	1 Mtr Water Head, 3 Meter Cable Sample, 24 Hours

Special Features

- Single layer S-Z stranded construction
- Flexible buffer tubes provide easy fibre routing inside closure
- Light in weight, hence easy to install

Drum Length

2000/ 3000/ 4000 meters ± 5%