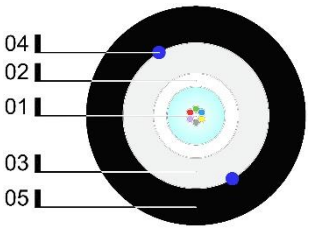
OPTRAL

TENAX (DT)

Dielectric Unitube Cable





Cable Description
01. Fibre Optics
02. Central Tube (Jelly filled)
03. Strength Members
04. Ripcord
05. Outer Jacket

Fire Performance
Flame retardant (IEC 60332-1)
Fire Retardant (IEC 60332-3)
Halogen free (IEC 60754-1/-2)
Low smoke emission (IEC 61034-2)

Applications
Universal (Indoor / Outdoor)

Rodent protection
Rodent protected

Options
Special colour code (TIA 598)

CPR Classification (Euroclass)
Reaction to Fire: Eca
Declaration Code: DOP01001

Advantages
Compact / Lightweight / Flexible / Tough / Resistant / Watertight / Excellent mechanical resistance / Totally dielectric / Reduced diameter / Rodent protected.



	SPECIFICATIONS	
Fibres	2 / 4 / 6 / 8 / 12	16 / 24
Central Tube Ø (mm)	3.5 ± 0.2	4.2 ± 0.2
Strength members	Fibreglass yarns WB (Waterblocking)	
Outer jacket	LSZH [1]	
Colour	Dark Grey	
Weight (Kg/Km)	82	90
Outer Ø (mm)	8.3 ± 0.3	8.6 ± 0.3
Max. Tensile Load (N)	3000 (Operating) / 4000 (Installation) - (IEC 60794-1-21 E1)	
Max. Crush (N/100mm)	2500 (IEC 60794-1-21 E3)	
Max. Impact (J)	5 (IEC 60794-1-21 E4)	
Temperature Range	-30ºC to +70ºC (IEC 60794-1-22 F1)	
Water penetration	Watertight (3m / 24h / 1m / Optical Core / IEC 60794-1-22 F5B)	
Min. Bending Radius (mm)	20 x Outer ∅ (IEC 60794-1-21 E11)	
Maximum Length (m)	4000	

Standards
Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise. With black stripe: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Natural - Turquoise.

[1] LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.

All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.