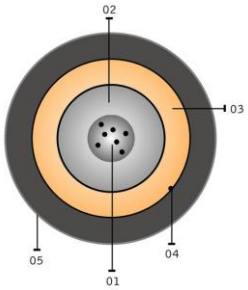
OPTRAL

NEXO - FTTH

Dielectric Unitube Cable (Up to 24 FO)



Cable Description
01. Fibre Optic
02. Central Tube (Jelly filled)
03. Fibreglass Reinforcements - WB
04. Ripcord
05. Outer Jacket

Fire Resistance
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

CPR Classification (Euroclass)
Reaction to Fire: Dca, s2, d2, a1
Declaration Code: DOP01002

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

	SPECIFICATIONS	
Fibres	2 / 4 / 6 / 8 / 12	16 / 24
Strength members	Fibreglass Reinforcements WB (Waterblocking)	
Outer Jacket	LSZH [1]	
Colour	Black	
Weight (Kg/Km)	57	74
Outer ∅ (mm)	7.0 ± 0.3	8.0 ± 0.3
Max. Tensile Load (N)	1000 (Operating) / 1800 (Installation) - (IEC 60794-1-21 E1)	
Max. Crush (N/dm)	2500 (IEC 60794-1-21 E3)	
Max. Impact (J)	5 (IEC 60794-1-21 E4)	
Temperature Range	-30ºC to +70ºC (Operation) - (IEC 60794-1-22 F1)	
Min. Bending Radius (mm)	15 x Outer ∅ (IEC 60794-1-21 E11)	
Water tightness	According (3m / 1m / 24h / IEC 60794-1-22 F5B)	

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.