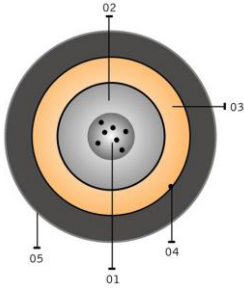




## NEXO DT / U-DQ(ZN)BH

### Dielectric Unitube Cable (Up to 24 FO)



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

#### Cable Description

- 01. Fibre Optics
- 02. Central Tube (Jelly filled)
- 03. Fibreglass Reinforcements - WB
- 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

Strength Members: Aramid (KT Type)  
Special colour code (TIA 598)

#### CPR Classification (Euroclass)

Reaction to Fire: Eca  
Declaration Code: DOP01001  
Available in Dca (NEXO – FTTH)

#### Advantages

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



SPECIFICATIONS		
Fibres	2 / 4 / 6 / 8 / 12	16 / 24
Ø Central Tube (mm)	3.5 ± 0.2	4.2 ± 0.2
Strength members	Fibreglass Reinforcements WB (Waterblocking)	
Outer jacket	LSZH <sup>1</sup>	
Colour	Black	
Weight (Kg/Km)	53	62
Outer Ø (mm)	6.8 ± 0.3	7.3 ± 0.3
Max. Tensile Load (N)	1000 (Operating) / 1800 (Installation) - (IEC 60794-1-21 E1)	
Max. Crush (N/dm)	2000 (IEC 60794-1-21 E3)	
Max. Impact (J)	5 (IEC 60794-1-21 E4)	
Temperature Range	-30° C to +70° C (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 Ø (IEC 60794-1-21 E11)	
Max. 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.

<sup>1</sup> LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.