

OPTRAL



NEXO DP / A-DQ(ZN)2Y

Dielectric Unitube Cable (Up to 24 FO)



Cable Description

- 01. Fibre Optics
- 02. Central Tube (Jelly filled)
- 03. Fiberglass Reinforcements - WB
- 04. Ripcord
- 05. Outer Jacket

Applications

Outdoor

Rodent protection

Rodent protected

Options

Strength Members = Aramid (KP Type)
Special colour code (TIA 598)

CPR Classification (Euroclass)

Reaction to Fire: Fca
Declaration Code: DOP03100

Advantages

Compact / Lightweight / Flexible / Tough / Resistant / Totally dielectric / Watertight / Reduced diameter / Excellent resistance to friction / Suitable for "blown air" system / Rodent protected.



TOTALLY
DIELECTRIC

MOISTURE
PROTECTED

WATERTIGHT

LOW
FRICTION

ULTRAVIOLET
RESISTANCE

RODENT
PROTECTION

HALOGEN
FREE

	SPECIFICATIONS	
Fibres	2 / 4 / 6 / 8 / 12	16 / 24
Ø Central Tube (mm)	3.5 ± 0.2	4.2 ± 0.2
Strength members	Reinforced Fibreglass yarns WB (Waterblocking)	
Outer jacket	Polyethylene	
Colour	Black	
Weight (Kg/Km)	41	48
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)	
Torsion	± 180°/m; 10 cycles; 50N (IEC 60794-1-21 E7)	
Temperature Range	-40°C to +70° C (Operating) / -10°C to +50° C (Installation) - (IEC 60794-1-22 F1)	
Water penetration	Watertight (3m / 24h / 1m / Optical Core / IEC 60794-1-22 F5B)	
Min. Bending Radius	15 x Outer Ø (Operating) / 20 x Outer Ø (Installation) - (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.

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

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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.

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