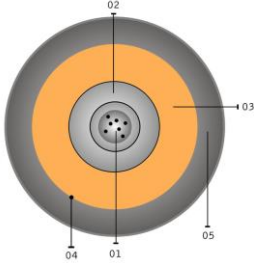




TENAX (DP) - 1500N

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. Fiberglass Reinforcements – WB
- 04. Ripcord
- 05. Outer Jacket

Applications

Outdoor
 Aerial application

Rodent protection

Rodent protected

Options

Special colour code (TIA 598)

CPR Classification (Euroclass)

Reaction to Fire: Fca
 Declaration Code: DOP03100

Advantages

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

Aerial Installation Conditions

Wind (Km/h)	Ice Thickness (mm)	Span (m)
50	0	165
60	0	135
70	0	110
80	0	100
100	0	65
115	0	50



SPECIFICATIONS	
Fibre Count	2 / 4 / 6 / 8 / 12 16 / 24
Strength Members	Fiberglass yarns WB (Waterblocking)
Outer Jacket	High Density Polyethylene (HDPE)
Colour	Black
Weight (Kg/Km)	49 61
Outer Ø (mm)	7.4 ± 0.3 8.4 ± 0.3
Max. Tensile Load (N)	1500 (Operation) / 2000 (Installation) – (IEC 60794-1-21 E1)
Max. Crush (N/10cm)	2500 (IEC 60794-1-21 E3)
Temperature Range	-40°C to +70°C (IEC 60794-1-22 F1)
Min. Bending Radius	20 x Outer Ø (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 one ring: Red – Green – Blue - Yellow – Grey - Violet – Brown - Orange - White - Pink – Natural – Turquoise.