

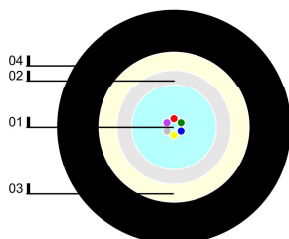
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OPTRAL

A-DQ(ZN)4Y / microABD(PA)-01 / ET.94.321



Monotube Drop Cable FTTx



Cable Description

- 01. Fibre Optics
- 02. Loose Tube (Jelly Filled)
- 04. Strength members
- 05. Outer Jacket

Applications

Outdoor
Direct buried in clean sand
Ducts
Air Blowing ¹

Options

ABD-01 (A-DQ(ZN)2Y) outer jacket with HDPE compound.
Other jacket colour under demand.

CPR Classification (Euroclass)

Reaction to Fire: Fca
Declaration Code: DOP03100

Advantages

Compact / Tough / Resistant / Totally Dielectric / Excellent resistance to friction / Suitable for "air blowing" systems.



TOTALLY
DIELECTRIC



MOISTURE-
PROTECTED



HALOGEN
FREE



LOW
FRICTION



ULTRAVIOLET
RESISTANCE



SPECIFICATIONS

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Fibre Count	Up to 12	24
Total Tubes	1	
Tube Ø (mm)	1.60 ±0.1	2.40 ±0.1
Material	PBT	
Strength Members	Aramid Yarns	
Outer Jacket	Polyamide (PA12) – Orange	
Weight (Kg/Km)	4.8	9.4
Outer Ø (mm)	2.5 ±0.2	3.5 ±0.2
Micro Duct inside Ø (mm) ²	3.5 ~ 6	5.5 ~ 7
Max. Tensile Load (N)	150 (IEC 60794-1-21 E1)	
Max. Crush (N/dm)	500 (IEC 60794-1-21 E3)	
Temperature Range	0°C to +70°C (Operation and Storage) / 0°C to +50°C (Installation)	
Min. Bending radius (mm)	20 x Outer Ø (IEC 60794-1-21 E11)	

Standards

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

Fibres colour code (TIA/EIA 598): Blue – Orange – Green – Brown – Grey – White – Red – Black – Yellow – Violet – Pink – Turquoise. Colour code from 13 to 24 are same colours with black trace (natural instead black).

¹ Optral recommends the use of driven belts cable feeder for installation.

² Recommended inner Microduct diameter.