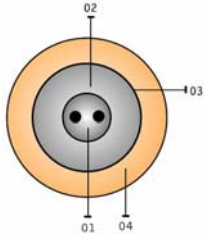


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# OPTRAL

## ABD-01

### Unitube Distribution Cable FTTx



#### Cable description

- 01. Fibre Optics
- 02. Secondary Loose Tube
- 03. Aramid
- 04. Outer Jacket

#### Applications

Indoor

#### Fire Resistance

Flame retardant  
Halogen free  
Low smoke emission



All technical specifications are subject to change without prior notice.

#### Advantages

Compact / Tough / Resistant / Totally Dielectric / Suitable for "blow air" systems.



TOTALLY DIELECTRIC



MOISTURE PROTECTED



HIGH FLEXIBILITY



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE

#### SPECIFICATIONS

	SPECIFICATIONS
Fibre Count	2 .. 12
Strength Members	Aramid Yarns
Outer Jacket	Thermoplastic LSZH <sup>1</sup>
Colour	Black
Weight (Kg/Km)	10
Outer Ø (mm)	3.5 ±0.1
Tensile Load (N)	80
Temperature Range	-30 °C to +70 °C
Min. Bending Radius (mm)	20 x Outer Ø

#### Standards

Environmental and Mechanical tests according to EN 187000 and CEI 60794.

Fibres colour code: red, green, blue, yellow, grey, violet, brown, orange, white, pink, black, natural.

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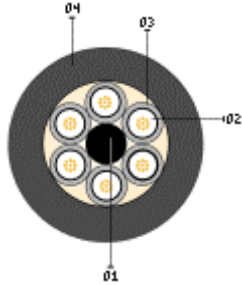
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# OPTRAL

ABD



## Multitube Distribution Cable FTTx



### Cable Description

- 01. Central Element (GRP)
- 02. Fibre Optics
- 03. Loose Tubes (Jelly Filled)
- 04. Outer Jacket

### Applications

Outdoor

### Options

- LSZH Jacket
- PA12 Jacket



### Advantages

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



TOTALLY DIELECTRIC



MOISTURE-PROTECTED



LOW FRICTION



ULTRAVIOLET RESISTANCE

All technical specifications are subject to change without prior notice. gor.

SPECIFICATIONS						
<b>Fibre Count</b>	24	36	48	72	96	144
<b>Total Tubes</b>	6	6	6	6	8	12
<b>Active Tubes</b>	2	3	4	6	8	12
<b>Fibres per Tube</b>	12					
<b>Outer Jacket</b>	Polyethylene					
<b>Colour</b>	Black					
<b>Weight (Kg/Km)</b>	29	29	29	29	42	72
<b>Outer Ø (mm)</b>	5.7 ±0.2	5.7 ±0.2	5.7 ±0.2	5.7 ±0.2	6.6 ±0.2	8.6 ±0.2
<b>Tensile Load (N)</b>	500	500	500	500	1200	1500
<b>Temperature Range</b>	-40° C to +70° C					
<b>Min. Bending radius</b>	20 x Outer Ø					

### Standards

Environmental and Mechanical tests according to EN 187000 and CEI 60794.

Fibres colour code: red, green, blue, yellow, grey, violet, brown, orange, white, pink, black, natural.

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