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| Product name | Microduct 12/10mm HDPE black Smooth, 2000m/dr |
| Product code | 5042342 |
| GTIN | 733281123764 |
| ETIM-Class | EC001474 |



PRODUCT SPECIFICATIONS

12/10mm microducts are designed for long term protection of fiber optical cables and are especially suitable for installation of micro cables. Thin walled microducts are suitable for sub-duct installations. The ducts can either be blown or pulled into existing pipes to maximize the utilization of already existing infrastructure. The microduct are made of high-density virgin polyethylene (HDPE). Every microduct has a permanent, co-extruded silicone compound inner liner giving a coefficient of friction of less than 0,1.

Measurements

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| Length | 1,000 mm |
| Height | 12 mm |
| Width | 12 mm |
| Weight | 34 g |

Technical Specifications - Single Ducts

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| Duct Type | 12/10 |
| Halogen Free | Yes |
| Duct Colour | Black |
| Outer Diameter | 12 mm |
| Outer Diameter Tolerance | +/- 0.1 mm |
| Inner Diameter | 10 mm |
| Inner Diameter Tolerance | +/- 0.1 mm |
| Min Bending Radius | 150 mm |

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| Max Install Tensile Force | 450 N |
| Inner clearance test (of ID) | 85 % |

Mechanical Characteristics

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| Temperature ranges for installation | -10°C - +50°C |
| Temperature ranges for Operation | -40°C - +55°C |
| Temperature ranges for transport and storage | -40°C - +55°C |
| Pressure Withstand (IEC 60794-1-22, Method F13) | resistance to internal pressure (23°C, 2 hours) 20 bar (en 1167-1,2) |
| Pressure Withstand (IEC 60794-1-22, Method F13) | resistance to internal pressure (60°C, ½ hour) 12 bar (en 1167-1,2) |
| Crush (IEC 60794-1-21, Method E3A) | en 60794-1-21, method e3a, load 700 n, recovery time 1 hour |
| Impact (IEC 60794-1-21, Method E4) | en 60794-1-21, method e4, impact 1 j, recovery time 1 hour |
| Outdoor exposure/UV-stability (Months) | 12 |