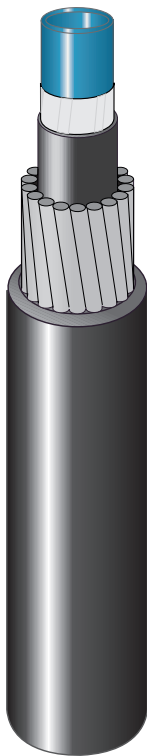


Underwater Armored Microduct – MPB 30217/020

Armored 12/10 mm



Features

- For lakes and rivers
- Water depth down to 50 m
- Compact design, down to 22.5 mm in diameter
- Microduct OD/ID: 12/10 mm
- Steel wire reinforcement
- Water blocking Al-foil

Application

The underwater microduct is a single armored duct for shallow submarine installations. It is designed to be used with Hexatronic Micro Cables and can easily be connected to land based microducts with microduct connectors or adapters. The microduct is suitable for lakes and river crossings in all types of fiber access networks.

This underwater microduct is based on a 12/10 mm PE microduct protected by an aluminum foil and a polyethylene sheath. Outside the sheath there is a layer of galvanized steel wires covered with a heavy-duty layer of HDPE polymer.

The steel wire reinforcement provides reliable mechanical protection, enabling installation and operation during rough conditions.



Typical Data

Temperature range
Operation -30 till +60°C
Storage -40 till +70°C
Installation -15 till +40°C

Maximum water depth
..... 50 m

Cable bend radius
Temporary, no load ≥ 500 mm
Permanent and during installation
..... ≥ 500 mm

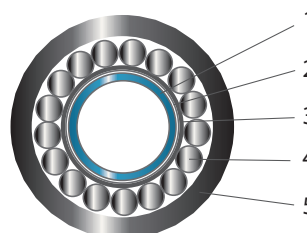
Tensile force
Permanent 10 kN
During installation 15 kN

Color coding
Microduct is colored blue

Delivery Information
Max continuous length 2 km

Design

1. Microduct Polyethylene, blue
2. Wrapping Plastic Al-foil
3. Sheath Polyethylene, black
4. Armoring Galvanized steel wires
5. Sheath Polyethylene, black



Ordering Information

Product Number	Microduct dimension (OD/ID, mm)	Diameter (mm)	Weight (kg/km)
MPB30217/020	12/10	22.5	900