



# Microduct 5/3.5 mm

## TND 5/3.5 mm Primary Tube

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### Features

- For installation in existing ducts
- Extra slim
- 5/3.5 mm microducts
- Low friction inner surface for maximum installation lengths

## Application

The slim, thin walled microducts has an inner low friction, antistatic surface that enables installation of air blown fibers.

The design makes the microducts especially suitable for installation into narrow existing ducts (pipes) or pipes occupied with cables or other obstacles.

## Design

5/3.5 mm microducts are optimized for installation of air blown fibers. The microducts have a solid low-friction inner surface for best performance.

The microducts comes in different colors for easy identification.

## Product Information

**Microducts:** HDPE

## Technical Information

**Temperature, Operation [°C]** -40 to +60

**Temperature, Storage [°C]** -40 to +60

**Temperature, Installation [°C]** -20 to +50

### Conformance

**Abrasion:** IEC 60794-1-2-E2B(1)

**Kink:** IEC 60794-1-2-E10, 20 x outer diameter

**Impact:** IEC 60794-1-2-E4

**Crush:** IEC 60794-1-2-E3

**Tensile:** IEC 60794-1-2-E

**Bend:** IEC 60794-1-2-E11A

**Torsion:** IEC 60794-1-2-E

**Flexibility:** IEC 60794-1-2-E8

**Inner Clearance:** IEC 60794-5-20, IEC 60794-5-10, Ann. D

## Articles 29

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
<b>Microduct 5/3.5 OD Orange</b> MPB30220/OG1	Orange	5/3.5	50	70	500	1	5	10	–
<b>Microduct 5/3.5 OG1 1000 m *</b> MPB30220/OG1-1	Orange	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 OG1 500 m</b> MPB30220/OG1-2	Orange	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 YE1 1000 m *</b> MPB30220/YE1-1	Yellow	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 YE1 500 m</b> MPB30220/YE1-2	Yellow	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 OD Red 1</b> MPB30220/RD1	Red	5/3.5	50	70	500	1	5	10	1000/K5, 500/K4
<b>Microduct 5/3.5 RD1 1000 m *</b> MPB30220/RD1-1	Red	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 RD1 500 m</b> MPB30220/RD1-2	Red	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 OD White 1</b> MPB30220/WH1	White	5/3.5	50	70	500	1	5	10	1000/K5, 500/K4
<b>Microduct 5/3.5 WH1 1000 m *</b> MPB30220/WH1-1	White	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 WH1 500 m</b> MPB30220/WH1-2	White	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 OD Green 1</b> MPB30220/GN1	Green	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 GN1 1000 m *</b> MPB30220/GN1-1	Green	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 GN1 500 m</b> MPB30220/GN1-2	Green	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 VT1 1000 m *</b> MPB30220/VT1-1	Violet	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 VT1 500 m</b> MPB30220/VT1-2	Violet	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 OD Blue 1</b> MPB30220/BU1	Blue	5/3.5	50	70	500	1	5	10	1000/K5, 500/K4
<b>Microduct 5/3.5 BU1 1000 m *</b> MPB30220/BU1-1	Blue	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 BU1 500 m</b> MPB30220/BU1-2	Blue	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 GY1 1000 m *</b> MPB30220/GY1-1	Gray/Slate	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 GY1 500 m</b> MPB30220/GY1-2	Gray/Slate	5/3.5	50	70	500	1	5	10	500/K4

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<b>Microduct 5/3.5 TQ1 1000 m *</b> MPB30220/TQ1-1	Turquoise/ Aqua	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 TQ1 500 m</b> MPB30220/TQ1-2	Turquoise/ Aqua	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 BK1 1000 m *</b> MPB30220/BK1-1	Black	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 BK1 500 m</b> MPB30220/BK1-2	Black	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 BN1 1000 m *</b> MPB30220/BN1-1	Brown	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 BN1 500 m</b> MPB30220/BN1-2	Brown	5/3.5	50	70	500	1	5	10	500/K4
<b>Microduct 5/3.5 PK1 1000 m *</b> MPB30220/PK1-1	Pink/Rose	5/3.5	50	70	500	1	5	10	1000/K5
<b>Microduct 5/3.5 PK1 500 m</b> MPB30220/PK1-2	Pink/Rose	5/3.5	50	70	500	1	5	10	500/K4