

# Microducts/Multiducts 12/8



**Application:** Microducts for blowing in fiber optic micro and mini cables

**Construction and technical data:**

|  |  |
|--|--|
| <b>Standard:</b>                                 | IEC 60793-1, IEC 60793-2, IEC 60794-5  |
| <b>Diameter microduct outside (+/- 0,1 mm) :</b> | 12 mm                                  |
| <b>Diameter microduct inside (+/- 0,1 mm) :</b>  | 8 mm                                   |
| <b>UV-resistant:</b>                             | yes                                    |
| <b>Permitted installation temperature:</b>       | -15 - +50 °C                           |
| <b>Permitted operating temperature:</b>          | -40 - +50 °C                           |
| <b>Type of installation:</b>                     | Microducts (Single cable installation) |
| <b>duct material:</b>                            | HDPE                                   |



*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

**Microduct / Multiduct standard (1mm multiduct wall thickness)**

| Cross-section        |        |        |        |         |
|----------------------|--------|--------|--------|---------|
| Number of microducts | 1 x 12 | 2 x 12 | 7 x 12 | 12 x 12 |

**Microducts/Multiducts 12/8 - (single tube translucent with stripes)**

|                               |  |
|-------------------------------|--|
| <b>Colour of single tube:</b> | acc. to DIN VDE 0888 - translucent   |
| <b>Colour of microduct:</b>   | orange (optionally also available in the colour from the VDE colour code)<br>red, green, yellow, white, grey, brown, violet, cyan, black, orange, pink |

| part no. | part name  | Fezr [N] | Rbv [mm] | w [mm] | h [mm] | Ø [mm] | G [kg] |
|----------|--|----------|----------|--------|--------|--------|--------|
| 075602   | Multiduct 12X12/8, orange sheath 1mm with black stripes, tubes translucent with VDE 0888 colored stripes |          |          | 50     | 46     |        | 816    |
| 075603   | Multiduct 12X12/8, orange sheath 1mm with white stripes, tubes translucent with VDE 0888 colored stripes |          |          | 50     | 46     |        | 816    |
| 075604   | Multiduct 12X12/8, orange sheath 1mm with brown stripes, tubes translucent with VDE 0888 colored stripes |          |          | 50     | 46     |        | 816    |

| part no. | part name   | Fezr [N] | Rbv [mm] | w [mm] | h [mm] | Ø [mm] | G [kg] |
|----------|---|----------|----------|--------|--------|--------|--------|
| 075605   | Multiduct 7X12/8, orange sheath 1mm with black stripes, tubes translucent with VDE 0888 colored stripes   |          |          | 38     | 35     |        | 525    |
| 075656   | Multiduct 7X12/8, orange sheath 1mm with white stripes, tubes translucent with VDE 0888 colored stripes   |          |          | 38     | 35     |        | 525    |
| 075606   | Multiduct 3X12/8, orange sheath 1mm with red stripes, tubes translucent with VDE 0888 colored stripes     |          |          | 26     | 24     |        | 225    |
| 075601   | Multiduct 12X12/8, orange sheath 1mm with blue stripes, tubes translucent with VDE 0888 colored stripes   |          |          | 50     | 46     |        | 816    |
| 073781   | Microduct 1X12/8 translucent with orange stripes  | 840      | 120      |        |        | 12     | 75     |
| 073782   | Multiduct 3X12/8, orange sheath 1mm, tubes translucent with VDE 0888 colored stripes                      | 2000     | 140      | 26     | 24     |        | 225    |
| 073783   | Multiduct 7X12/8, orange sheath 1mm, tubes translucent with VDE 0888 colored stripes                      | 5880     | 350      | 38     | 35     |        | 525    |
| 073784   | Multiduct 12X12/8, orange sheath 1mm, tubes translucent with VDE 0888 colored stripes                     | 7000     | 500      | 50     | 46     |        | 816    |
| 075512   | Multiduct 3X12/8, orange sheath 1mm with white stripes, tubes translucent with VDE 0888 colored stripes   |          |          | 26     | 24     |        | 225    |
| 075513   | Multiduct 3X12/8, orange sheath 1mm with black stripes, tubes translucent with VDE 0888 colored stripes   |          |          | 26     | 24     |        | 225    |
| 075515   | Multiduct 7X12/8, orange sheath 1mm with green stripes, tubes translucent with VDE 0888 colored stripes   |          |          | 38     | 35     |        | 525    |
| 075516   | Multiduct 7X12/8, orange sheath 1mm with blue stripes, tubes translucent with VDE 0888 colored stripes    |          |          | 38     | 35     |        | 525    |
| 075517   | Multiduct 7X12/8, orange sheath 1mm with yellow stripes, tubes translucent with VDE 0888 colored stripes  |          |          | 38     | 35     |        | 525    |
| 075657   | Multiduct 7X12/8, orange sheath 1mm with brown stripes, tubes translucent with VDE 0888 colored stripes   |          |          | 26     | 24     |        | 525    |
| 075518   | Multiduct 12X12/8, orange sheath 1mm with red stripes, tubes translucent with VDE 0888 colored stripes    |          |          | 50     | 46     |        | 816    |
| 075519   | Multiduct 12X12/8, orange sheath 1mm with green stripes, tubes translucent with VDE 0888 colored stripes  |          |          | 50     | 46     |        | 816    |
| 075520   | Multiduct 12X12/8, orange sheath 1mm with yellow stripes, tubes translucent with VDE 0888 colored stripes |          |          | 50     | 46     |        | 816    |

### Microducts/Multiducts 12/8 - (single tube coloured through)

**Colour of single tube:**

acc. to DIN VDE 0888 - coloured through

**Colour of microduct:**

orange (optionally also available in the colour from the VDE colour code)

red, green, yellow, white, grey, brown, violet, cyan, black, orange, pink

| part no. | part name   | Fezr [N] | Rbv [mm] | w [mm] | h [mm] | Ø [mm] | G [kg] |
|----------|---|----------|----------|--------|--------|--------|--------|
| 073785   | Microduct 1X12/8 orange   | 840      | 120      |        |        | 12     | 60     |
| 073295   | Multiduct 3X12/8, orange sheath 1mm, tubes colored according to VDE 0888  | 2000     | 140      | 26     | 24     |        | 240    |
| 073297   | Multiduct 7X12/8, orange sheath 1mm, tubes colored according to VDE 0888  | 5880     | 350      | 38     | 35     |        | 500    |
| 073353   | Multiduct 12X12/8, orange sheath 1mm, tubes colored according to VDE 0888 | 7000     | 500      | 50     | 46     |        | 900    |

Fezr | Max. recommended tensile strength (single tube) at 20 °C

Rbv | Bending radius, fixed installation

w | Width

h | Height

Ø | outer diameter approx.

G | net weight per 1000

**Kennzeichnung Mikrorohr / Einzelrohr (innenliegend) nach VDE 0888 - durchgefärbt oder transluzent**

**Identification micro duct / single duct (internal) acc. to DIN VDE 0888 - coloured through or translucent**

| 1   | 2     | 3    | 4      | 5     | 6    | 7     | 8      | 9    | 10      | 11     | 12   |
|-----|-------|------|--------|-------|------|-------|--------|------|---------|--------|------|
| red | green | blue | yellow | white | grey | brown | violet | cyan | black   | orange | pink |
|     |       |      |        |       |      |       |        |      |         |        |      |
| 13  | 14    | 15   | 16     | 17    | 18   | 19    | 20     | 21   | 22      | 23     | 24   |
| red | green | blue | yellow | white | grey | brown | violet | cyan | natural | orange | pink |
|     |       |      |        |       |      |       |        |      |         |        |      |