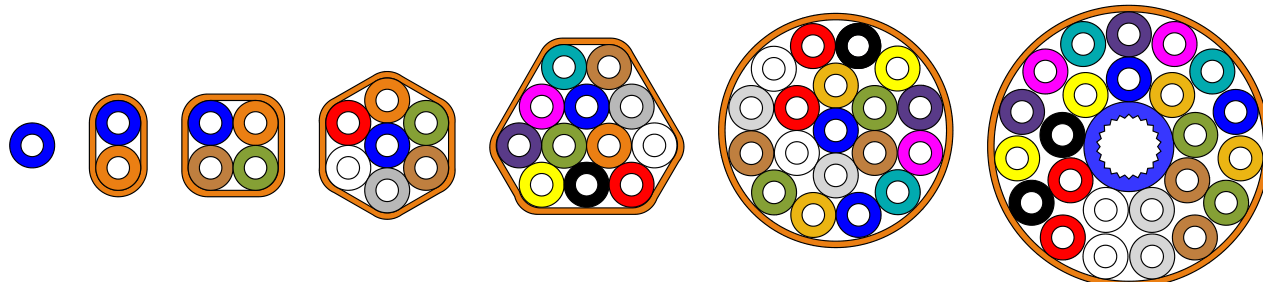


## fibreflow **Blown Fibre Generic Specification** **DBmf Microducts and Bundles (7/3.5 & 7/4)**



**GENERIC PRODUCT DESCRIPTION:** Assemblies of strong 7mm polyethylene (PE) microducts (m/d), each with low friction performance. These m/ds will accept all blown fibre products that can be installed into the more traditional 5/3.5 m/ds. There is a choice between 7/3.5 and 7/4.

Each 24-way has a strong 14/10 m/d in the centre. Each assembly (bundle) is surrounded by a thin strong PE sheath. These strong metal-free bundles are designed for direct burial in suitably prepared ground. Burial of the individual m/ds must be in ground free from hard, heavy or sharp material. The 2-way bundles may also be used in slot-cut deployments (eg 12mm slot).

### GENERIC DETAILS: SINGLE MICRODUCT (at 20°C):

|  |        |            |            |            |
|--|--------|------------|------------|------------|
| Primary m/d outer diameter, nom        | mm     | 7.0        | 7.0        | 14         |
| Primary m/d inner diameter, nom        | mm     | 3.5        | 4.0        | 10         |
| Primary m/d - mass, nominal            | g/m    | 28         | 25         | 72         |
| Min bend radius of primary m/d*        | mm     | 100        | 70         | 210        |
| Max pull tension, single m/d           | kg / N | 20 / 200   | 18 / 180   | 50 / 500   |
| Crush load (approx) at 10% compression | kg / N | 180 / 1800 | 110 / 1100 | 100 / 1000 |

(14/10 is the centre m/d in the 24-way)

\*This radius relates to the m/d capability only, and does not indicate a good radius for blowing FU.

1. These m/ds are compatible with designated 7mm push-fit connectors.
2. Max air pressure for blowing: 15bar.
3. Storage of unprotected primary m/ds: Indoors and well shielded from daylight.

### PRODUCT-SPECIFIC DETAILS:

|                | type   | OD nom, mm | Mass nom, g/m | Min Bend Rad mm | Max* Pull tension Kg / N |
|----------------|--------|------------|---------------|-----------------|--------------------------|
| <b>7 / 3.5</b> | 2DBmf  | 9.2 x 16.2 | 97            | 160             | 65 / 650                 |
|                | 4DBmf  | 19.1       | 170           | 330             | 120 / 1200               |
|                | 7DBmf  | 23.2       | 266           | 400             | 180 / 1800               |
|                | 12DBmf | 30.7       | 429           | 530             | 300 / 3000               |
|                | 19DBmf | 36.2       | 640           | 620             | 450 / 4500               |
|                | 24DBmf | 44.2       | 860           | 750             | 600 / 6000               |
| <b>7 / 4</b>   | 2DBmf  | 9.2 x 16.2 | 91            | 160             | 60 / 600                 |
|                | 4DBmf  | 19.1       | 159           | 330             | 110 / 1100               |
|                | 7DBmf  | 23.2       | 247           | 400             | 170 / 1700               |
|                | 12DBmf | 30.7       | 395           | 530             | 280 / 2800               |
|                | 19DBmf | 36.2       | 587           | 620             | 410 / 4100               |
|                | 24DBmf | 44.2       | 793           | 750             | 560 / 5600               |

\* After applying pulling tensions, allow time for the pulled product to relax. See Installation manual.

Sheath thickness: 1.1mm nominal  
Sheath Removal: Use sheath removal tools. Take care not to damage m/d.

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