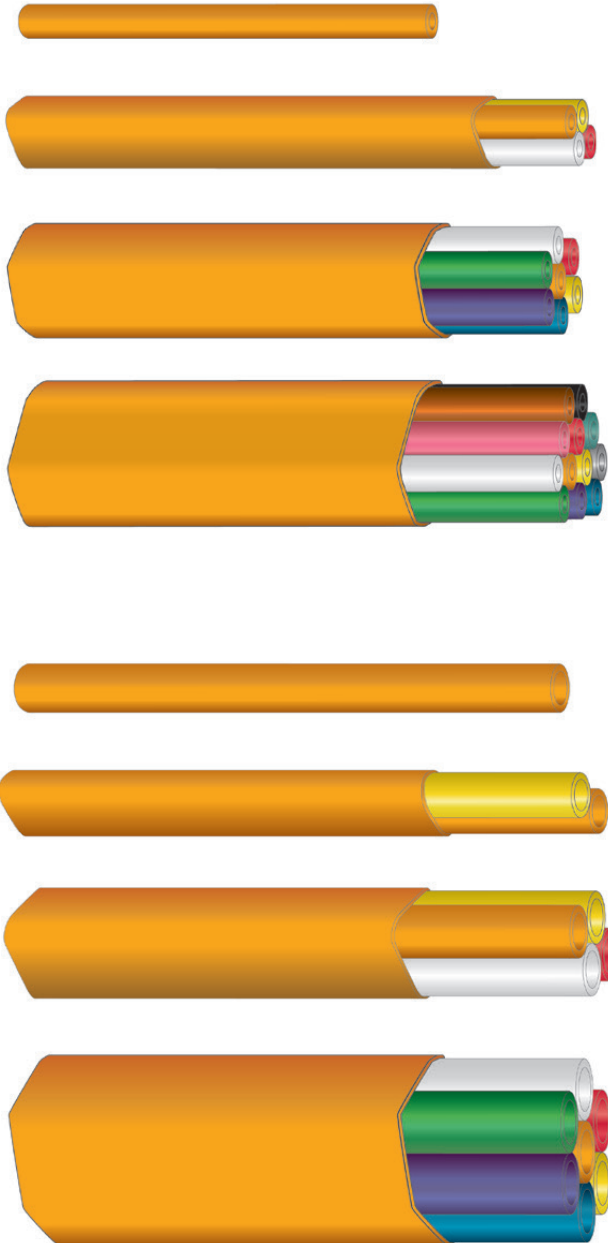


Thick Walled Duct Assemblies

For the *Ribbonet*[®] and Micronet Cabling Systems



Features

- Easy to branch out and splice
- Heavy-duty design
- 1, 2, 4, 7, 12, 19 and 24 sub-duct options
- 7/3.5 mm and 14/10 mm microducts
- Low friction inner surface with anti static properties for maximum installation lengths

Application

The thick-walled microduct bundles consist of a number of micro ducts with an inner low friction surface that enables installation of air-blown fiber units, nano cables or fiber optic micro cables. The thick inner wall of the microducts allow for installation directly into the ground without the need for additional protection. The microducts are optimized for best performance in combination with the Hexatronic Ribbonet[®] and Micronet systems.

Design

The duct assemblies are available in several configurations from 1 to 24 microducts. Two types of microducts are used. The numbers refer to the outer/inner diameter:

- 7/3.5 mm ducts are optimized for installation of air-blown fibers and nano cables. The microducts have a solid low-friction inner surface and contains anti static materials for best performance.

- 14/10 mm ducts are intended for micro cables as well as nano cables. The microducts have a solid low-friction inner surface

The bundles have a thin outer sheath that is easily removed when branching off individual microducts

Marking and Sheath Color

Duct assemblies have markings showing the type and tube length. The individual microducts are identified by their colors.

12 different colors are used: orange, yellow, red, white, green, violet, blue, grey, turquoise, black, brown, pink.

For duct assemblies with >12 ducts, the first 12 colored ducts are marked with "1" and the following ducts are marked with "2".

The ducts are available in various sheath colors for easy identification.



Thick Walled Duct Assemblies

Typical Data

Temperature range

Operation -40 to +60°C
 Storage -40 to +60°C
 Installation -20 to +50°C

Material

Micro ducts and outer sheath: Polyethylene (HDPE)
 All materials are halogen free

Delivery Information

Supplied lengths 500, 1000 m

Ordering Information




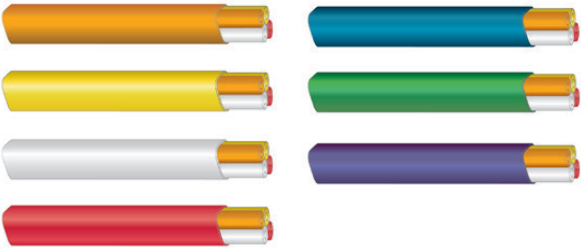
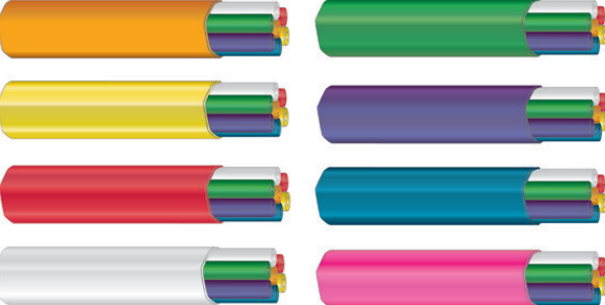
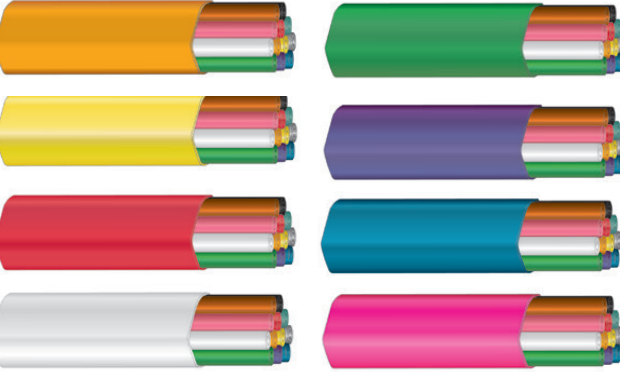
14/10 mm Assemblies for Micro Cables and Nano Cables

| Type | Product Number | Outer Sheath Dimensions (mm) | Weight (g/m) |
|------------------------|--|------------------------------|--------------|
| 1-way Primary Tube | MPB 302 85/OG1 (orange) MPB 302 85/YE1 (yellow) MPB 302 85/RD1 (red) MPB 302 85/WH1 (white) MPB 302 85/GN1 (green) MPB 302 85/VT1 (violet) MPB 302 85/BU1 (blue) MPB 302 85/GY1 (grey) MPB 302 85/TQ1 (turquoise) MPB 302 85/BK1 (black) MPB 302 85/BN1 (brown) MPB 302 85/PQ1 (pink) | ∅14 | 72 |
| 1-way Sheathed | MPB 302 77/1 (orange) | ∅16 | 118 |
| 2-way | MPB 302 81/2M (orange) 4/MPB 302 81/2M (yellow) 2/MPB 302 81/2M (red) 5/MPB 302 81/2M (white) 1/MPB 302 81/2M (green) 3/MPB 302 81/2M (blue) | 30x16 | 218 |
| 4-way | MPB 302 77/4M (orange) 4/MPB 302 77/4M (yellow) 2/MPB 302 77/4M (red) 5/MPB 302 77/4M (white) 1/MPB 302 77/4M (green) 3/MPB 302 77/4M (blue) | 30x30 | 360 |
| 7-way | MPB 302 77/7M (orange) 4/MPB 302 77/7M (yellow) 2/MPB 302 77/7M (red) 5/MPB 302 77/7M (white) 1/MPB 302 77/7M (green) 3/MPB 302 77/7M (blue) | ∅44 | 648 |



Thick Walled Duct Assemblies


7/3.5 mm Assemblies for Air Blown Fiber or Nano Cables

| Type | Product Number | Outer Sheath Dimensions (mm) | Weight (g/m) |
|---|--|------------------------------|--------------|
| 1-way Primary Tube  | MPB 302 84/OG1 (orange) MPB 302 84/YE1 (yellow) MPB 302 84/RD1 (red) MPB 302 84/WH1 (white) MPB 302 84/GN1 (green) MPB 302 84/VT1 (violet) MPB 302 84/BU1 (blue) MPB 302 84/GY1 (grey) MPB 302 84/TQ1 (turquoise) MPB 302 84/BK1 (black) MPB 302 84/BN1 (brown) MPB 302 84/PK1 (pink) | Ø7 | 29 |
| 1-way Sheated  | MPB 302 78/1 (orange) | Ø9 | 53 |
| 2-way  | MPB 302 78/2 (orange) | 16x9 | 105 |
| 4-way  | MPB 302 78/4M (orange) 4/MPB 302 78/4M (yellow) 2/MPB 302 78/4M (red) 5/MPB 302 78/4M (white) 1/MPB 302 78/4M (green) 6/MPB 302 78/4M (violet) 3/MPB 302 78/4M (blue) 7/MPB 302 78/4M (pink) | 16x16 | 175 |
| 7-way  | MPB 302 78/7M (orange) 4/MPB 302 78/7M (yellow) 2/MPB 302 78/7M (red) 5/MPB 302 78/7M (white) 1/MPB 302 78/7M (green) 6/MPB 302 78/7M (violet) 3/MPB 302 78/7M (blue) 7/MPB 302 78/7M (pink) | Ø23 | 250 |
| 12-way  | MPB 302 78/12M (orange) 4/MPB 302 78/12M (yellow) 2/MPB 302 78/12M (red) 5/MPB 302 78/12M (white) 1/MPB 302 78/12M (green) 6/MPB 302 78/12M (violet) 3/MPB 302 78/12M (blue) 7/MPB 302 78/12M (pink) | 30x27.3 | 455 |
| 19-way | MPB 302 78/19M (orange) | Ø36 | 600 |
| 24-way | MPB 302 78/24M (orange) | 44x33.2 | 785 |



Thick Walled Duct Assemblies

Hybrid Assemblies for Air-blown Fiber and Micro Cables

| Type | Product Number | Outer Sheath Dimensions(mm) | Weight (g/m) |
|---|----------------|-----------------------------|--------------|
| 12+2-way  | MPB 302 79/14M | 37x30 | 593 |