

## Tight tubes 0.6 mm



### Design

|               |   |                |
|---------------|---|----------------|
| Tube          | coloured fiber with a buffer layer on transparent fiber |                |
| Tube material | Acrylat   |                |
| Tube colour   | E9  | yellow         |
|               | OM2   | orange         |
|               | OM3   | turquoise      |
|               | OM4   | heather violet |
|               | G62.5   | blue           |

### Properties

- Metal free indoor cable
- For direct connector assembly
- Tube can be stripped up to 50 mm in one piece
- Tight bending radii
- Halogen free and non-corrosive fire gases

### Applications

- Data cable in distribution network - FTTH
- Installation in indoor area

According to IEC 60794-1-2

### Ordering information

01-.../V-T6-F...

Please see page 136

## Tight tubes 0.6 mm

| Specification  |  | Tight tube |       |
|----------------|--|------------|-------|
| Tube Ø         |  | 0.6        | mm    |
| Approx. weight |  | 0.3        | kg/km |

| Mechanical properties |                     |    |      |                   |
|-----------------------|---------------------|----|------|-------------------|
| Tensile strength      | during installation | 20 | N    | IEC 60794-1-2 E1  |
|                       | in service          | 10 | N    |                   |
| Min. bend radius      | during installation | 25 | mm   | IEC 60794-1-2 E11 |
|                       | in service          | 25 | mm   |                   |
| Crush resistance      | short-term          | 50 | N/cm | IEC 60794-1-2 E3  |
|                       | long-term           | 25 | N/cm |                   |

| Thermal properties |                     |            |    |                    |
|--------------------|---------------------|------------|----|--------------------|
| Temperature range  | during installation | -10 to +60 | °C | IEC 60794-2-50 F12 |
|                    | in service          | -40 to +85 | °C |                    |
|                    | in storage          | -40 to +60 | °C |                    |

Specification for singlemode at 1550 nm, for multimode at 1300 nm

| Combustion properties |  |           |      |
|-----------------------|--|-----------|------|
| Fire load             |  | 0.01      | MJ/m |
| 2002/95/EC (RoHS)     |  | compliant |      |