

Tight tubes 0.9 mm



Design

| | | |
|---------------|--------------------------|----------------|
| Tube | buffer layer on fiber | |
| Tube material | halogen free (TPE) | |
| Tube colour | E9 | yellow |
| | OM2 | orange |
| | OM3 | turquoise |
| | OM4 | heather violet |
| | G62.5 | blue |
| | other colours on request | |

Properties

- For direct connector assembly
- Tube can be stripped up to 30 mm in one piece
- Tight bending radii
- For high mechanical and thermal stability
- Halogen free and non-corrosive fire gases
- Improved crush resistance

Applications

- Patch cable within distribution frames and termination boxes
- In thermally and mechanically critical environments
- For mobile or flexible systems

According to IEC 60794-1-2

Ordering information

01-.../F-...9

Please see page 136

Tight tubes 0.9 mm

| Specification | | Tight tube | |
|----------------|--|------------|-------|
| Tube Ø | | 0.90 | mm |
| Approx. weight | | 0.76 | kg/km |

| Mechanical properties | | | |
|-----------------------|---|-----|---------|
| Tensile strength | during installation ($r \geq 25\text{mm}$) | 20 | N |
| | in service ($r \geq 25\text{mm}$) | 10 | N |
| Min. bend radius | during installation | 25 | mm |
| | in service | 25 | mm |
| Crush resistance | short-term | 100 | N/cm |
| | long-term | 50 | N/cm |
| Impact resistance | $W_p = 0.74\text{ J}$, $r = 25\text{ mm}$ | 100 | impacts |
| Torsion | $\pm 360^\circ$, length = 1000 mm, $F = 5\text{ N}$ | 3 | cycles |

| Thermal properties | | | |
|--------------------|---------------------|------------|----|
| Temperature range | during installation | -10 to +60 | °C |
| | in service | -40 to +80 | °C |
| | in storage | -40 to +80 | °C |

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

| Combustion properties | | | |
|-----------------------|--|-----------|------|
| Fire load | | 0.019 | MJ/m |
| 2002/95/EC (RoHS) | | compliant | |