# Technical specifications

**Ref. 231825**

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|---|---|---|
| Euroclass | | Cca |
| Euroclass: Smoke Production | | s2 |
| Euroclass: Flaming droplets | | d2 |
| Euroclass: Acidity | | a1 |
| Number of fibers | | 8 |
| Fiber core type | | Single-mode (ITU-T-G.657.A2) |
| Fiber core Diameter | µm | 9 |
| Fiber cladding Diameter | µm | 125 |
| Coating buffer Diameter | µm | 250 |
| Cable structure | | Tight buffer |
| Plastic buffer diameter | in | 0.033 |
| Outer sheath Diameter | in | 0.28 |
| Outer sheath Material | | LSFH, UV-resistant |
| Blocking jelly | | Yes |
| Moisture protection | | Blocking jelly / Water-blocking yarns |
| Optical fiber attenuation: 1310nm | dB/km | < 0.4 |
| Optical fiber attenuation: 1550nm | dB/km | < 0.3 |
| Long tension | N | 1000 |
| Structure reinforcement element | | Glass Yarns |
| Rodent protection | | Glass Yarns |
| Short crush (@100mm) | N | 1000 |
| Long crush (@100mm) | N | 750 |
| Minimum bending radius | in | 2.795 |
| Operating temperature | °F | -40 ... 158 |