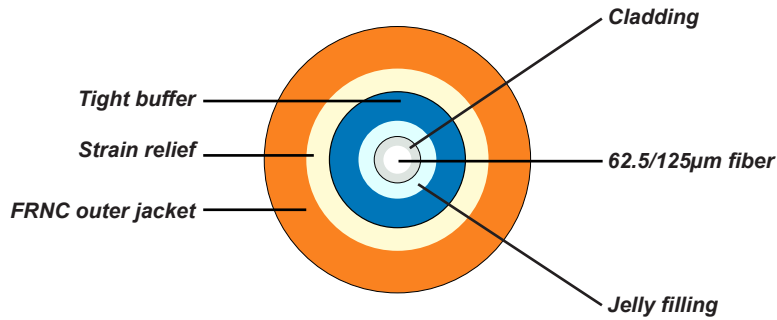


**Glass optical fiber indoor cable 62.5/125µm simplex,
tight buffer, FRNC outer jacket**



Pic. 1 Cable cross-section with description

1 Features

- glass optical fiber indoor cable simplex
- 62.5/125µm multimode
- graded index profile
- quick and simple connectorizing
- direct connectorizing
- free of halogen, flame retardant
- no corrosive and toxic fumes

2 Technical data

| | | |
|-----------------------|--------------------------------|---------------------|
| Dimensions | Core diameter | 62.5µm |
| | Cladding diameter | 125µm |
| | Buffer diameter | 900µm |
| | Outer diameter cable | 2.8mm |
| Material / colour | Fiber / cladding | blue |
| | Outer jacket | FRNC orange |
| Numerical aperture | | 0.275 |
| Max. attenuation | @ 850nm | ≤ 3.2 dB/km |
| | @ 1300nm | ≤ 0.9 dB/km |
| Bandwidth | @ 850nm | ≥ 200 MHz x km |
| | @ 1300nm | ≥ 500 MHz x km |
| Max. pull force | Operation | ≤ 400 N |
| Min. bending radius | Operation | ≥ 30mm |
| | Short-term during installation | ≥ 60mm |
| Max. crush resistance | Operation | 150 N/dm |
| Thermal properties | Transport and storage | -25°C to +70°C |
| | Installation | -5°C to +50°C |
| | Operation | -10°C to +70°C |
| Fire load | nominal | 0.18 MJ/m |
| Weight | | 7.9 kg/km |
| Type | | I-V(ZN)H 1G62.5/125 |

3 Application

- for indoor installation
- for installation in cable ducts,
on cable trays or in cable conduits

4 Ordering information

| Specification | Part number |
|--|---------------|
| Indoor cable simplex multimode 62.5/125µm | 903IG62101309 |

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