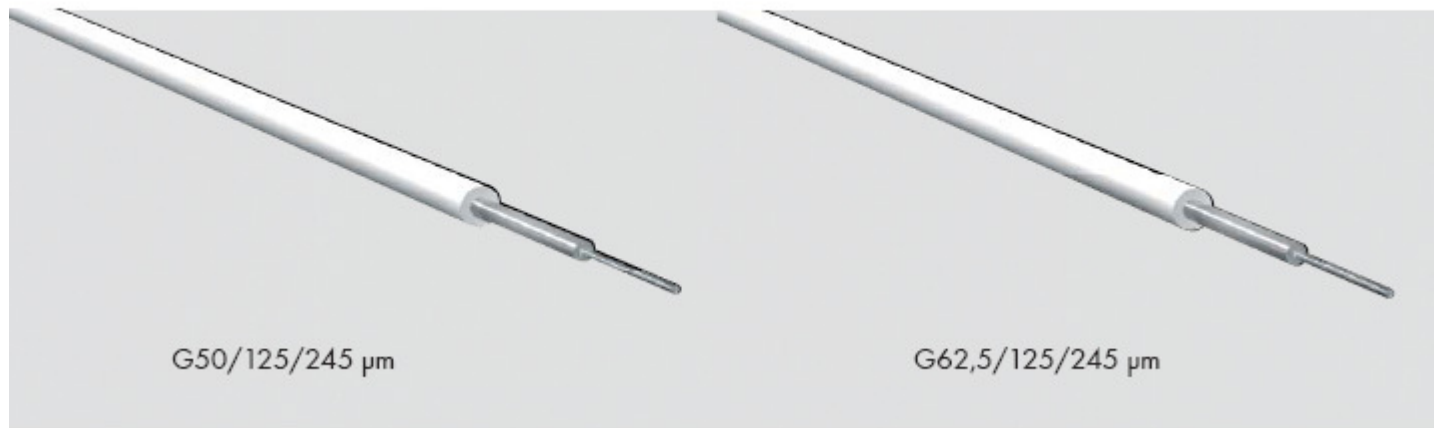


FIBER SPECIFICATION MULTIMODE FIBER



Optical characteristics multimode fiber

| Fiber class | | G50/125/245 | G62,5/125/245 | |
|---------------------------------------|---------|---------------------------------------------------------|---------------|-------|
| Fiber class available by HUBER+SUHNER | | OM2 / OM3 | OM1 / OM2 | |
| Bandwidth (overfilled launch) | | see table "link length for standardized fiber types" | | |
| Attenuation typical | 850 nm | 2.30 | 2.70 | dB/km |
| | 1300 nm | 0.55 | 0.55 | dB/km |
| Attenuation maximum | 850 nm | ≤ 2.50 | ≤ 3.00 | dB/km |
| | 1300 nm | ≤ 0.70 | ≤ 0.80 | dB/km |
| Effective group index of refraction | 850 nm | 1.482 | 1.496 | |
| | 1300 nm | 1.477 | 1.491 | |

Geometrical characteristics

| Fiber class | G50/125/245 | G62.5/125/245 | |
|-----------------------------------|-------------|---------------|----|
| Core diameter | 50 ± 2 | 62.5 ± 3 | μm |
| Cladding diameter | 125 ± 2.5 | 125 ± 2 | μm |
| Coating diameter (uncoloured) | 245 ± 10 | 245 ± 10 | μm |
| Concentricity error core/cladding | ≤ 1.5 | ≤ 1.5 | μm |
| Core non-circularity | ≤ 6 | ≤ 6 | μm |
| Cladding non-circularity | ≤ 1 | ≤ 1 | % |
| Coating non-circularity | ≤ 6 | ≤ 6 | % |