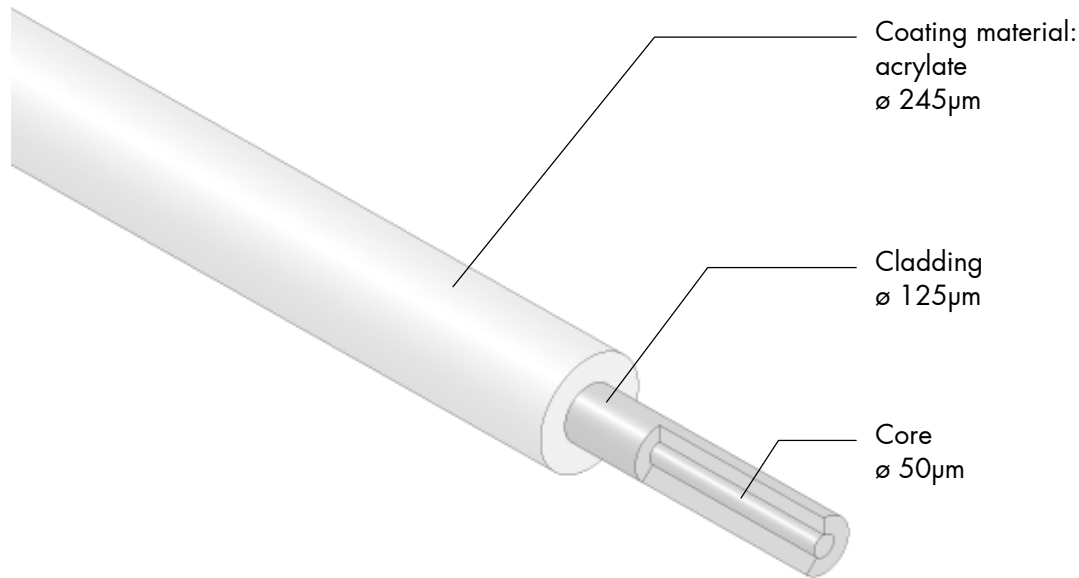


SUHNER FIBEROPTIC

FIBER TYPE: **Multi-mode**

H+S CODE: **G50/125/250**



Characteristics	Conditions	Measured value						
OPTICAL PROPERTIES								
Attenuation (typical)	850nm 1300nm	≤ 2.5 (2.3) dB/km ≤ 0.8 (0.55) dB/km						
Bandwidth (overfilled launch)	A = Standard 850nm 1300nm	A	B	C	D	E	F	*)
		≥ 400	≥ 400	≥ 400	≥ 400	≥ 600	≥ 1500	MHz*km MHz*km
Numerical aperture		0.2 ±0.02						
GEOMETRICAL PROPERTIES								
Core diameter		50 ±3 µm						
Cladding diameter		125 ±2 µm						
Coating diameter		245 ±10 µm						
Concentricity error core / cladding		≤ 3 µm						
Core non-circularity		≤ 6 %						
Cladding non-circularity		≤ 2 %						
MECHANICAL PROPERTIES								
Tensile proof test	Fiber elongation ≤ 1%	≤ 8.8 (100) N (Kpsi)						

*) Fiber type acc. ISO/IEC 11801 2nd edition:

A-D → **OM1**
E → **OM2**
F → **OM3**

Document No.: **01.05.Z002**

Issued: **ZWI / 23.12.1997**

Modification No.: **d**

Last amended: **LEM / 28.10.2002**

Checked / released: **THS / 29.10.2002**

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents.

Print: 18.11.02, copy uncontrolled when printed



Fiber Optics Division

CH-9100 Herisau

☎ +41 (0)71 353 41 11

Fax +41 (0)71 353 46 47

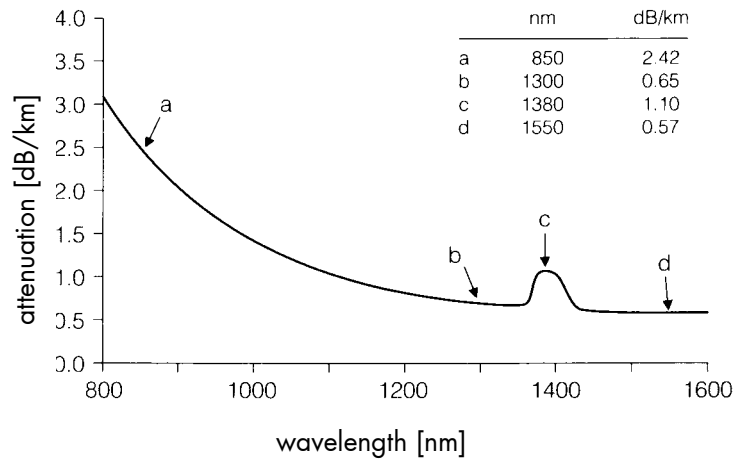
SUHNER FIBEROPTIC

FIBER TYPE: **Multi-mode**

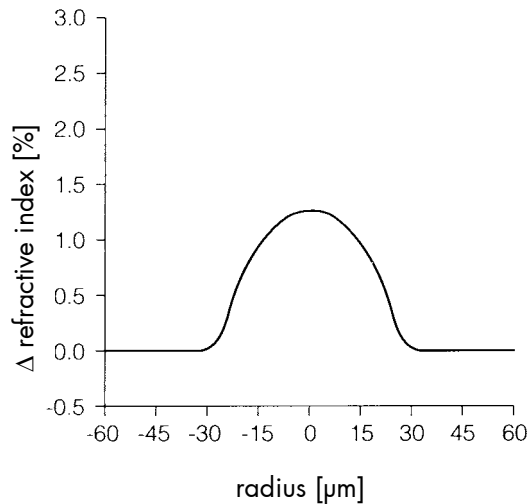
H+S CODE: **G50/125/250**

Fiber performance characteristics

Spectral attenuation (typical fiber) :



Refractive index profile (typical fiber) :



Document No.: **01.05.Z002**

Issued: ZWI / 23.12.1997

Modification No.: d

Last amended: LEM / 28.10.2002

Checked / released: THS / 29.10.2002

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents.

Print: 18.11.02, copy uncontrolled when printed



Fiber Optics Division

CH-9100 Herisau

☎ +41 (0)71 353 41 11

Fax +41 (0)71 353 46 47