

Fibre, single-mode - low water peak

2_1_20_2

According to ITU-T G.652 D (Low Water Peak)

Construction

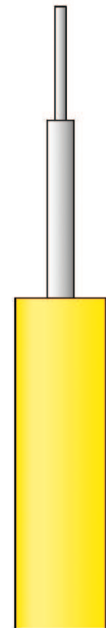
- Step index glass/glass optical fiber E9/125
- Primary coating with polyacrylate

Description

- The attenuation at 1383 nm is equal to the value at 1310 nm.

Standards

Please refer to data sheet "Used Standards 3_0_9"



Optical data (cabled)

Type	Attenuation dB/km 1310 nm	Attenuation dB/km 1550 nm	Chromatic dispersion ps/(nm x km) 1310 nm	Chromatic dispersion ps/(nm x km) 1550 nm	Zero dispersion wavelength nm	Cut-off wavelength nm	PMD ps/√km
FSLF	≤0.36	≤0.22	≤3.5	≤18	1302...1322	≤1260	≤0.2
FSL	≤0.36	≤0.25	≤3.5	≤18	1302...1322	≤1260	≤0.2
FSLA	≤0.40	≤0.25	≤3.5	≤18	1302...1322	≤1260	≤0.2

Geometric values

Type	Mode field ø µm 1310 nm	Mode field ø µm 1550 nm	Cladding Ø µm	Primary coating ø µm	Mode field non-circularity %	Cladding non-circularity %	MFD/cladding/-concentricity µm
FSLF	9.2±0.4	10.4±0.8	125±1	245±10	≤6	≤2	≤0.6
FSL	9.2±0.4	10.4±0.8	125±1	245±10	≤6	≤2	≤0.6
FSLA	9.2±0.4	10.4±0.8	125±1	245±10	≤6	≤2	≤0.6

These values correspond to following standards

Type	DIN VDE 0888	IEC 60793	ITU-T G.652
FSLF	X	X	X
FSL	X	X	X
FSLA	X	X	X