

Specific Information

Used standards

3_0_9

Value	Standard	Remarks
Fibres		
Attenuation	IEC 60793-1-40	
Chromatic dispersion coefficient	IEC 60793-1-42	
Zero dispersion wavelength	IEC 60793-1-C5C	
Cut-off wavelength	IEC 60793-1-44	
Mode field diameter	IEC 60793-1-45	Acc. Petermann II
Modal bandwidth	IEC 60793-1-41	Multi-mode fibres only
Numerical aperture	IEC 60793-1-43	
Physical characteristics	IEC 60793-1 20	
PMD	IEC 60793-1 48	
Cables		
Cable diameter	The given values are nominal values, which have a tolerance due to the manufacturing process	
Cable weight	The given values are nominal values, which have a tolerance due to the manufacturing process	
Cable bending	EN 60794-1-2-E11 IEC 60794-1-2-E11	
Tensile strength	EN 60794-1-2-E1 IEC 60794-1-2-E1	
Crush resistance	EN 60794-1-2-E3 IEC 60794-1-2-E3	
Operating temperature	EN 60794-1-2-F1 IEC 60794-1-2-F1	

Description of some standards which are mentioned in the data sheets

Short description	Standard
These standards describe the structure of a generic cabling system. They also describe several optical parameters of fibres and optical connectors used in a generic cabling system.	ISO/IEC 11801 EN 50173
These standards describe the geometrical structure and the optical parameters of multi-mode fibres 50/125 µm.	IEC 60793 ITU-T G.651
These standards describe the geometrical structure and the optical parameters of standard single-mode fibres.	IEC 60793 ITU-T G.652
This standard is required by Swisscom for their own cables. It defines mechanical structure and the optical parameters, the respective test methods and test criteria of fibre optic cables.	Swisscom 6PHETOP_1069_00E_5