

Optical Interfaces

The following information will be published as an enhancement of the existing HighPROTEC 3.0 documentation:

Profibus – Transmission Speed for optical interfaces

The transmission speed of the optical interfaces is limited to 3 MBaud for Profibus.

LWL-Module with ST connector: Update for technical data for 2 km

Connector	ST-Port
Compatible Fiber	50/125 µm, 62,5/125 µm, 100/140 µm and 200 µm HCS
Wavelength	820 nm
Minimum Optical Input Power	-24,0 dBm
Minimum Optical Output Power	-19.8 dBm with 50/125 µm Fiber -16,0 dBm with 62,5/125 µm Fiber -12,5 dBm with 100/145 µm Fiber -8,5 dBm with 200 µm HCS Fiber
Maximum Link Length	2.7 km (depending on link attenuation)

Optical Ethernet_module with LC connector: Update technical data for optical

Connector	LC-Port
Compatible Fiber	50/125 µm and 62,5/125 µm
Wavelength	1300 nm
Minimum Optical Input Power	-30,0 dBm
Minimum Optical Output Power	-22.5 dBm with 50/125 µm Fiber -19,0 dBm with 62,5/125 µm Fiber