



# FIBER OPTIC SIMPLEX CABLES WITH SEMI-TIGHT TUBE

## Specification:

		Simplex	
Jacket Ø [mm]		2.0/2.7/3.0	
Tube Ø [mm]		0.9	with 1 fiber
Weight approx. [kg/km]		4.0/6.4/8.0	
Max. allowable tensile load [N]	during installation	200	IEC 60794-1-2 E1
	in service	100	
Min. Bending radius [mm]	during installation	50	IEC 60794-1-2 E11
	in service	30	
Crush resistance [N/cm]	short-term	250/500/500	IEC 60794-1-2 E3
	long-term	100/100/100	
Impact resistance [impacts]	Wp = 0.74 Nm/ r = 25 mm	20	IEC 60794-1-2 E4
Temperature range [°C] PVC	during installation	-10 to +50	IEC 60794-1-2 F1
	in service	-20 to +50	
	in storage	-25 to +50	
Temperature range [°C] LSFH™	during installation	-10 to +50	IEC 61300-2-22
	in service	-20 to +70	
	in storage	-25 to +60	
Fire load [MJ/m] LSFH™		0.07/0.10/0.13/0.18	
Fire propagation LSFH™		passed	IEC 60332-1
		passed	IEC 60332-3 Cat.C

Technical data for cable types with diameter 2.0 mm or H200 fiber might vary



Simplex cable cross-section

**HUBER+SUHNER is certified  
according to ISO 9001 and  
ISO 14001.**

### Waiver

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**HUBER+SUHNER - Excellence in Connectivity Solutions**



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