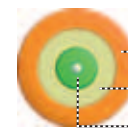


Simplex cable



FiberConnect® I-V(ZN)H 1...

Order no.	84 ■■■■■■		
Standardisation	DIN VDE 0888, part 4 and IEC 60794-2		
Application	ideal for use as a patch cable in distribution systems as well as for connecting terminals due to the high flexibility and small diameter		
Construction	cable core	tight buffered fiber (TB) or semi-tight buffered fiber (STB)	
	strain relief elements	non-metallic (aramid)	
	cable jacket	halogen-free and flame-retardant material	
	colour of jacket	orange for multimode, yellow for singlemode → other colours possible!	
Thermal properties	transport and storage	-25 °C to +70 °C	
	installation temperature	-5 °C to +50 °C	
	operating temperature	-10 °C to +70 °C	
Mechanical properties	min. bending radius	static	30 mm
		dynamic	60 mm
Fire performance	flame retardancy	IEC 60332-1-2 and IEC 60332-3-22 Cat. A	
	smoke density	IEC 61034	
	halogen-free	IEC 60754-1	
	acidity of gases	IEC 60754-2	



outer jacket
strain relief elements
tight buffered or semi-tight buffered fiber

Outer Ø	Type	Weight	Max. pull force long-term	Max. crush resistance long-term	fire load	Order no. TB	Order no. STB
mm		kg/km	N	N/dm	MJ/m		
1.6	I-V(ZN)H 1...	2.9	200	100	0.09	84950216 ■ TB600L	84950878 ■ STB600
1.8	I-V(ZN)H 1...	3.7	200	100	0.10	84950559 ■ TB900L	84950212 ■ STB900
2.0	I-V(ZN)H 1...	5.0	300	100	0.11	8404200L ■ TB900L	84042001 ■ STB900
2.1	I-V(ZN)H 1...	5.1	300	100	0.12	8405600L ■ TB900L	84056001 ■ STB900
2.4	I-V(ZN)H 1...*	5.7	400	150	0.16	84950846 ■ TB900L	84950007 ■ STB900
2.8	I-V(ZN)H 1...	7.9	400	150	0.18	8400300L ■ TB900L	84003001 ■ STB900
3.0	I-V(ZN)H 1...	8.1	400	150	0.21	84950560 ■ TB900L	84950347 ■ STB900
3.4	I-V(ZN)H 1...*	12.0	400	150	0.32	84950770 ■ TB900L	84950194 ■ STB900

* acc. to TS 0011/96 Deutsche Telekom