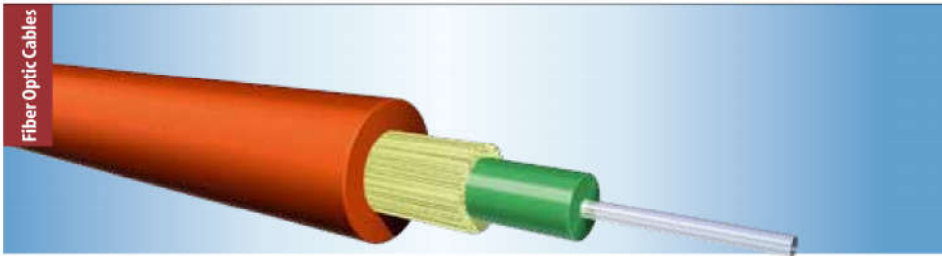


Simplex cable



FiberConnect® I-V(ZN)H 1...

Order no. 84 003

Standardisation DIN VDE 0888, Part 4 and IEC 60 794-2

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), semi-tight buffered fiber (STB) or superstrip (LB)

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 -5°C to +50°C
Operation -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 60754-2
No corrosive and toxic fumes



Outer jacket

Strain relief elements

Tight buffered or semi-tight buffered fiber

Outer Ø	Type	Weight	Max. pull force	Max. crush resistance	Fire load
mm		kg/km	long-term N	long-term N/dm	MJ/m
1.6	I-V(ZN)H 1...	2.9	200	100	0.09
1.8	I-V(ZN)H 1...	3.7	200	100	0.10
2	I-V(ZN)H 1...	5.0	300	100	0.11
2.1	I-V(ZN)H 1...	5.1	300	100	0.12
2.4	I-V(ZN)H 1...*	5.7	400	150	0.16
2.8	I-V(ZN)H 1...	7.9	400	150	0.18
2.9	I-V(ZN)H 1...	8.0	400	150	0.20
3	I-V(ZN)H 1...	8.1	400	150	0.21
3.4	I-V(ZN)H 1...*	12.0	400	150	0.32

* acc. to TS 0011/96 Deutsche Telekom

All simplex cables available with TB, STB and LB buffered fibers. Order no. on request.