

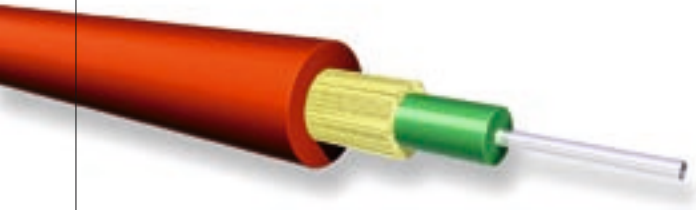


LEONI GigaLine® I-V(ZN)H 1...

Simplex cable

Application

Because of the small diameter and high flexibility, ideal as patch cable in distribution systems as well as for connecting terminals.



Order-No. 84 003
Standardization DIN VDE 0888, Part 4 and IEC 60 794-2

Construction

Cable core Tight buffered fiber (TB), semi-tight fiber (STB) or superstrip (LB)
 Strain relief elements non-metallic (aramid)
 Cable jacket halogen-free and flame-retardant material
 Color of jacket orange for multi-mode, yellow for single-mode → other colors possible

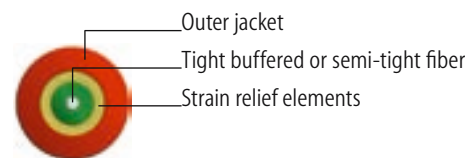
Temperature range

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

Cross section



Fire performance

Flame retardancy IEC 60332-1 and IEC 60332-3 Cat. A
 Smoke density IEC 61034
 Halogen-free IEC 60754-2
 No toxic and corrosive fumes

Outer-Ø	Type	Weight	max. pull force long-term	max. crush resistance long-term	Fire load
mm		kg/km	N	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
2.0	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
3.0	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 are available with TB, STB and LB cores.
 Order-No. on request.