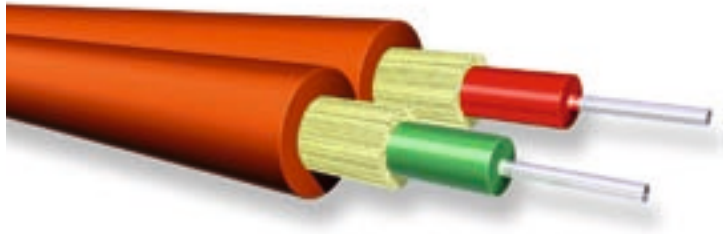


LEONI GigaLine® I-V(ZN)H 2x1...**Duplex cable****Application**

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

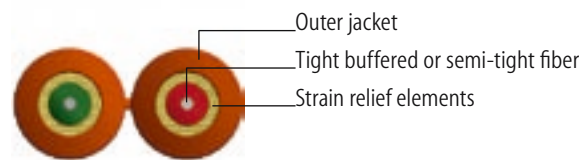


Order-No. 84 005

Standardization DIN VDE 0888, Part 6 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

Cross section**Temperature range**

Transport and storage	-25 °C to +70 °C
Installation	-5 °C to +50 °C
Operation	-10 °C to +70 °C

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	

Mechanical properties

min. bending radius	static	30 mm
(over flat side)	dynamic	60 mm

Outer dimension	Type	Weight	max. pull force	max. crush resistance	Fire load
mm		kg/km	N	long-term N/dm	long-term MJ/m
1.6 x 3.3	I-V(ZN)H 2x1...	5.8	400	200	0.18
1.8 x 3.7	I-V(ZN)H 2x1...	7.4	400	200	0.20
2.0 x 4.1	I-V(ZN)H 2x1...	7.4	400	200	0.22
2.1 x 4.3	I-V(ZN)H 2x1...	9.0	400	400	0.24
2.4 x 4.9	I-V(ZN)H 2x1...	12.6	400	400	0.31
2.8 x 5.7	I-V(ZN)H 2x1...	15.8	600	600	0.36
3.0 x 6.1	I-V(ZN)H 2x1...	17.5	600	6s00	0.38

All duplex cables are available with TB, STB and LB cores.
Order-No. on request.