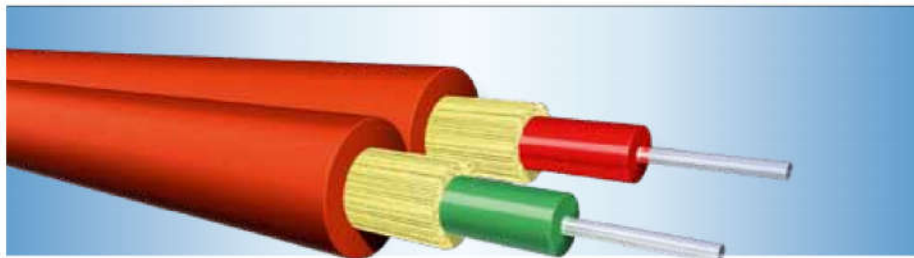


Duplex cable



FiberConnect® I-V(ZN)H 2x1...

Order no. 84 005

Standardisation DIN VDE 0888, Part 6 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

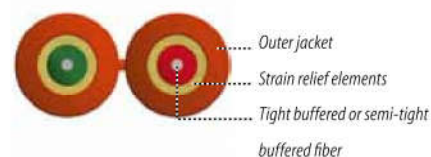
Mechanical properties min. bending radius static 30 mm
dynamic 60 mm

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 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 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...	9.0	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	0.32
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	600	0.42

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