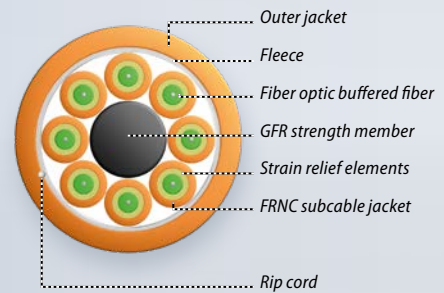


FiberConnect

Breakout cable with central strength member

according to VG 95218-30 type B



AT-V(ZN)HH n... TB900L 2,2 VG

Order no.	84 066 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Standardisation	VG 95218-30 type B and IEC 60794-2

Description

Splittable breakout cable for fixed installation on ships on and below decks but not under water. For direct connector assembly.

Composition

Cable core	GFR strength member in the core, over that single elements designed as tight buffered fiber (TB900L) with non-metallic strain relief elements (aramid) and a halogen-free, flame-retardant subcable jacket (Ø 2.2 mm), stranded in layers (2–16)
Cable jacket	Halogen free and flame retardant (FRNC) oil resistant, SHF1
Colour of jacket	● orange

Number of fibers max.	Outer-Ø mm	Wall thickness mm	Weight kg/km	Pull force N
2	7.7	1.1	69	1200
4	7.7	1.1	69	1200
6	9.1	1.1	88	1800
8	10.4	1.1	125	2400
10	12.2	1.3	175	2400
12	13.5	1.3	205	2400
16	13.3	1.3	200	2400

Thermal properties

Transport/storage	– 33 °C to + 85 °C
Installation	– 10 °C to + 50 °C
Operating temperature	– 33 °C to + 85 °C

Mechanical properties

Min. bending radius	static	15 × outer diameter
	dynamic	20 × outer diameter
Max. crush resistance		2000 N/dm

Fire performance

Flame retardancy	IEC 60332-1-2 and IEC 60332-3-24 Cat. C
Smoke density	IEC 61034
Absence of halogen	IEC 60754-1
Acidity of combustion gases	IEC 60754-2

Chemical properties

Very good resistance to oil, grease, acids and alkaline solutions.

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