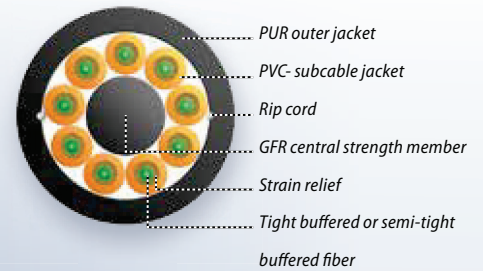
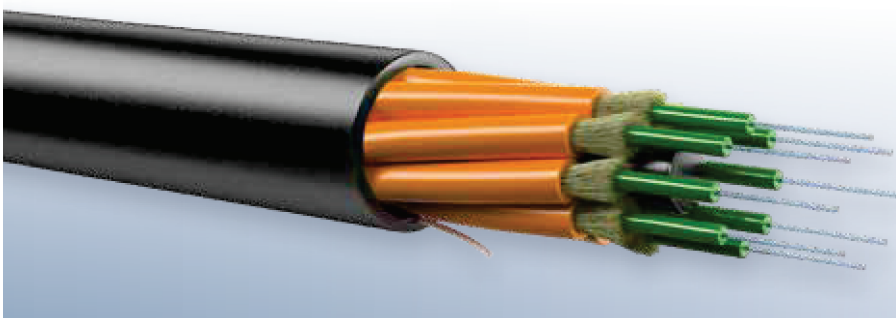


FiberConnect® Breakout cable, suitable for drag chains

oil resistant



Fiber optic cables (SM/MM)



AT-V(ZN)Y11Y n... 2. 5

Order no.	84 207 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Standardisation	IEC 60794-2

Description

Rugged breakout cable suitable for drag chains that can be used both inside and outside buildings and in harsh industrial environments. For direct connector assembly. With oil-resistant outer jacket.

Composition

Cable core	GFR central strength member, designed as tight buffered (TB) or semi-tight buffered (STB) fiber, gel-filled with non-metallic strain relief elements (Aramid) and PVC subcable jacket (Ø 2.5 mm)
Colour	<ul style="list-style-type: none"> ● orange for multimode ● yellow for singlemode
Cable jacket	Polyurethane (PUR)
Colour of jacket	● black

Thermal properties

Transport/storage	- 25 °C to + 80 °C
Installation	- 5 °C to + 50 °C
Operating temperature	- 20 °C to + 80 °C

Mechanical properties

max crush resistance	800 N/dm
Resistance to impacts	10 Schläge/2 Nm
Drag chain test	5 000 000 cycles

Fire performance

Flame retardancy	IEC 60332-1-2
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Chemical properties

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

Note

Cable jacket with high abrasion resistance.

Number of fibers	Outer Ø	Weight	Min. bending radius static	Min. bending radius dynamic	Max. pull force	Fire load
	mm	kg/km	mm	mm	N	MJ/m
2	9.5	80	95	140	800	1.20
4	9.5	85	95	140	800	1.20
6	10.5	110	105	155	1200	1.36
8	12.3	150	125	185	1200	1.52
10	13.8	170	140	205	1200	1.68
12	15.6	210	155	235	1200	1.84