

LEONI AT-V(ZN)YY...**Breakout-cable for drag chains****Application**

Robust FO drag chain cable that can be used both inside and outside buildings and in hard industrial environments.
For direct connector assembly.

**Order-No.** 84 206 **Standardization** DIN VDE 0888, Part 6 and IEC 60 794-2**Construction**

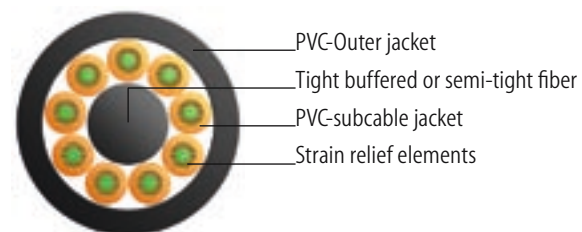
Cable core	Stranded single elements designed as tight buffered (TB) or semi-tight fibers (STB), gel filled with strain relief elements (aramid) and halogen-free, flame-retardant jacket (2.5 mm diameter)
Color	orange for multi-mode, yellow for single-mode
Cable jacket	Polyvinylchlorid (PVC)
Color of jacket	black

Temperature range

Transport and storage	-25 °C to +80 °C
Installation	-5 °C to +50 °C
Operation	-20 °C to +80 °C

Mechanical properties

Max. crush resistance	long-term	800 N/dm
Resistance to impact		10 impacts/2 Nm
Drag chain test		5 000 000 cycles

Cross section**Fire performance**

Flame retardancy IEC 60332-1

Chemical properties

Good resistance to oil, fuel, acid and base

Remarks

The cable is also available with a Polyurethane jacket (PUR)

No. of fibers n	2	4	6	8	10	12
Outer-Ø (mm)	8.9	8.9	9.0	11.0	13.0	14.5
Weight (kg/km)	45	50	75	110	160	18
min. bending radius static (mm)	95	95	95	115	135	150
min. bending radius dynamic (mm)	140	140	140	175	205	225
max. pull force (N)	800	800	1200	1200	1200	1200
Fire load (MJ/m)	1.20	1.20	1.36	1.52	1.68	1.84