

BRUmil

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Flexible Mini FO cable, for harsh environments, with stainless steel loose tube for maximum 8 fibres and stainless steel armouring. Approved by Nato and armed forces.

- Tactical military or civil applications: temporary robust communication lines and mobile applications with rodent danger
- Rapid deployment in harsh surroundings

LLK-BML, patented



Construction

- Outer PA sheath with extra abrasion resistance
- Armoring and strain relief made of stainless steel wire
- Gel-filled stainless steel loose tube
- Fibres with primary coating

Temperature range

Operating temperature -55° ... +85°C
 Storage temperature -60° ... +85°C
 The minimum operating temperature for types with only one fiber is -40°C.

Jacket colour

Black similar to RAL 9005

Description

- Central stainless steel loose tube with up to 8 fibres, Single- or multimode
- High crush resistance
- High permissible tensile strength
- Longitudinally watertight
- Excellent rodent proof
- Compact structure, high flexibility
- Very low weight
- Robust sheath halogen-free
- To brace with wedge clamps

Standards

IEC 60794
 MIL-STD-810F

Remarks

- Accessories offered:
- Pre-assembling with military lens- or ferrule-connectors, delivered on various reels for easy deployment
 - Adapting cables to standard connectors
 - Hand-reels, backpack- or vehicle reels
 - Deployment aids, like wedge clamps, masts etc.
 - Training for deployment, repair and cable testing
 - Solution engineering and system design

Application

- Indoor and outdoor

Technical data

Type	Max. no. of fibres units	Cable ø mm	Weight kg/km	Max. tensile strength	
				short term N	long term N
LLK-BML 1F	1	3.4	18	1000	750
LLK-BML 2F	2	3.8	25	1900	1400
LLK-BML 4F	4	3.8	25	1600	1100
LLK-BML 8F	8	4.5	39	4000	2000

Type	Min. bending radius		Max. crush resistance N/cm
	with tensile mm	without tensile mm	
LLK-BML 1F	15xD	10xD	2500
LLK-BML 2F	15xD	10xD	1100
LLK-BML 4F	15xD	10xD	1000
LLK-BML 8F	15xD	10xD	1300

Subject to changes without notice

