

# BRUsafety VA

3\_15\_2-K001

## Sensorcable with tight buffered fiber

LLK-2VKH  
J-W(ZN)H

### Construction:

- FRNC outer sheath
- Aramid fibres
- Tight buffered fibre

### Temperature range:

Operating temperature: -10° ... +60°C  
Storage temperature: -25° ... +70°C  
Installation temperature: 0° ... +50°C

### Description:

- Compact dimensions, high flexibility, good bending behaviour
- Halogen-free and flame-retardant cable sheath

### Jacket colour:

- Black similar to RAL 9005

### Standards:

- Standards, see also data sheet 3\_0\_9

### Application:

- Sensorcable for temperature monitoring

### Remarks:

- Fibre and loose tube colour acc. to data sheet 3\_0\_3



## Technical data

Max. no. of fibres units	Cable ø mm	Weight kg/km	Max. tensile strength		Combustion energy MJ/m
			short term N	long term N	
2F	4.0	17	1000	800	0.14

Max. no. of fibres units	Min. bending radius		Max. crush resistance N/cm
	with tensile mm	without tensile mm	
2F	20xD	15xD	100



# BRUtough

3\_10\_1

## Non-metallic tactical field cable with tight buffered fibres

LLK-J\_4VA K11Y  
A-V(ZN)11Y

### Construction:

- PUR outer sheath
- Aramid yarn
- Tight buffered fibres
- Fibres with primary coating
- Labeling outer sheath on request

### Temperature range:

- Operating temperature: -55° ... +85°C
- Storage temperature: -70° ... +85°C
- Installation temperature: 0° ... +50°C

### Jacket colour:

- Black similar to RAL 9005

### Description:

- For direct connector assembling
- Easy to assemble
- Non-metallic cable
- Suitable for repeated cable winding
- High mechanical resistance
- Compact design, high flexibility
- Robust outer sheath
- Cable sheath halogen-free

### 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 e.g. from bulkhead to LC, ST or any 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
- Tactical field applications: temporary flexible robust communication lines and mobile applications
- Rapid deployment in harsh surroundings
- Inside shelters or vehicles

### Technical data

Type	no. of fibres units	Cable ø mm	Weight kg/km	Max. tensile strength	
				short term N	long term N
LLK-J_2VA	2	5.0	23.0	1800	600
LLK-J_4VA	4	5.5	24.5	1800	600

Type	Min. bending radius		Max. crush resistance N/cm	Impact resistance (2.25 Nm, R = 25mm) Impacts	Repeated bending (100 N) Cycles
	with tensile mm	without tensile mm			
LLK-J_2VA	15xD	10xD	440	200	2000
LLK-J_4VA	15xD	10xD	440	200	2000

Subject to changes without notice

T3 / 2007/002

