

BRUtough

3_10_1

Non-metallic tactical field cable with tight buffered fibres

Construction

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

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

Application

- Indoor and outdoor
- Tactical field applications: temporary flexible robust communication lines and mobile applications
- Rapid deployment in harsh surroundings
- Inside shelters or vehicles

Temperature range

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

Jacket colour

Black similar to RAL 9005

Standards

IEC 60794
MIL-PRF-M85045
All tests carried out at 1300/1310nm with $\Delta IL < 0.3$ db

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



Technical data

Type	no. of fibres units	Cable ϕ mm	Weight kg/km	Max. tensile strength	
				short term N	long term N
LLK-BT 2F	2	5.0	23.0	1800	600
LLK-BT 4F	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-BT 2F	5xD	5xD	440	200	2000
LLK-BT 4F	5xD	5xD	440	200	2000

*Testet @ -46°C / +20°C / +71°C



Subject to changes without notice

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