

BRUmil

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Flexible Mini FO cable, for harsh environment, with stainless steel loose tube for maximum 8 fibers and stainless steel armoring. Approved by NATO and armed forces.

Application

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

Description

- Central stainless steel loose tube with up to 8 fibers, 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

Construction

- Outer PA sheath with extra abrasion resistance
- Armoring and strain relief made of stainless steel wire
- Gel-filled stainless steel loose tube
- Fibers with primary coating
- Labeling on request, individual labeling per reel with code, length and exact meter mark

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 color

Black similar to RAL 9005

Standards

IEC 60794
 MIL-STD-810F

Remarks

Accessories offered:

- Pre-assembling with military lens- or ferule- connectors, delivered on various reels
- 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



Technical data:

Type	Max. no. of fibers units	Cable mm	Weight kg/km	Max. tensile strength	
				short term N	long term N
BRUmil 1F	1	3,4	18	1000	750
BRUmil 2F	2	3,8	25	1900	1400
BRUmil 4F	4	3,8	25	1600	1100
BRUmil 8F	8	4,5	39	4000	2000

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

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