

# BRUsteel

3\_7\_4

**Flexible mini fibre optic cable - armoured, with stainless steel loose tubes with up to 8 fibres, metal strength members and outer sheath.**

LLK-BST

**Construction**

- Polyamide PA outer sheath
- Steel wires
- Gel-filled steel loose tube
- Optical fibres with primary coating

**Description**

- Central steel loose tube
- High permissible tensile strength
- High crush resistance
- Longitudinally and laterally watertight
- Excellent rodent protection
- Compact design, high flexibility
- Low weight
- Robust sheath
- Halogen-free cable sheath
- Connected with standard dead-ends and suspension fittings

**Application**

- Indoors, indoors and outdoors, outdoors
- Broadcast, FTTH and sensing applications
- Temporary applications
- Self-supporting applications

**Temperature range**

Operating temperature: -40° ... +70°C  
 Storage temperature: -40° ... +70°C  
 Installation temperature: -5° ... +50°C

**Jacket colour**

Blue similar to RAL 5005  
 Other colours on request

**Standards**

IEC 60794 Optical fibre cables  
 Additional Information see "Used standards" 3\_0\_9

**Remarks**

This cable is available with different fibre types, see data sheets Optical Fibres.  
 Special labelling of outer sheath on request

- Accessories (on request):
  - Pre-assembled cables with:
    - Standard ferrule connector
    - Connector with IP protection class
  - Dead-ends
  - Repair kit

Fibre and tube colours see "Colour codes/ properties" 3\_0\_3.



**Technical data**

Type	No of fibres (max.)	Cable ø mm	Weight kg/km	Max. tensile strength short term N	Max. tensile strength long term N
1F	1	3.4	18	1000	750
2F	2	3.8	25	1500	1100
4F	4	3.8	25	1300	900
8F	8	4.8	46	3500	2600

Type	Min. bending radius with tensile mm	Min. bending radius without tensile mm	Max. crush resistance N/cm
1F	20xD	15xD	2000
2F	20xD	15xD	960
4F	20xD	15xD	800
8F	20xD	15xD	1000

Subject to change without notice

