

BRUsteel

3_7_4

Flexible mini fibre optic cable - armoured, with stainless steel loose tubes with up to 12 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

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

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

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

Application

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

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
12F	12	5.4	64	4300	3000

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
12F	20xD	15xD	700

Subject to change without notice

