

BRUsens DAS 4.5 mm AC3 metallic

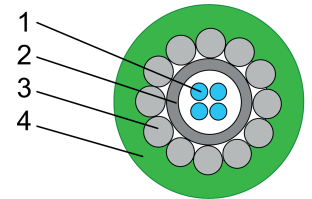
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Fiber optic acoustic sensing cable, extra small, with stainless steel central metal loose tube, stainless steel strength members and PA outer sheath, good acoustic response, for up to 4 fibers.

Application

- Acoustic
- Rayleigh scattering
- Outdoors, harsh environment
- Direct burial in soil, attached to structures or in conduits, subsea

LLK-BSAC 4.5 mm AC3



Description

- Compact design, high flexibility, small bending radius
- Loose tube, central, metal, with up to 4 fibers, hermetically sealed
- Outer sheath halogen free
- Outer sheath, robust, abrasion resistant, with special acoustic interlocking system, PA
- Excellent rodent protection
- High chemical resistance
- Laterally watertight
- High tensile strength and crush resistance
- Acoustic sensitivity, improved by high molecular gel
- Good acoustic sensitivity

Remarks

- For improved UV resistance, black cable sheath available upon request
- Accessories such as mounting brackets, loops, fan-outs, splice enclosures, connectors, patch-panels, repair kits etc. are available
- Deployment training upon request
- Standard cable marking with meter marks, special labeling of outer sheath upon request
- Other cable designs and temperature ranges upon request
- Standard fiber color code: 1 red, 2 green, 3 yellow, 4 blue

Technical data

Type	Max. no. of fibres units	Cable ø mm	Weight kg/km	Installation Max. tensile strength N	Operation Max. tensile strength N
2F/4F	4	4.5	32	1000	700

Type	with tensile load Min. bending radius mm	without tensile load Min. bending radius mm	Max. crush resistance N/cm
2F/4F	20xD	15xD	600

Optical fiber data (cabled) at 20°C

Fiber Type	Attenuation dB/km 1310 nm	Attenuation dB/km 1550 nm
SMF	≤0.36	≤0.25