

BRUsens DAS 6.5 mm AC4 non-metallic

3_50_4_004

Fiber optic acoustic sensing cable, non metallic, with tight buffered optical fibers, aramid strain relief and PUR outer sheath, good acoustic response, for up to 4 fibers.

Description

- Compact design, high flexibility, small bending radius
- Outer sheath halogen free
- Outer sheath, robust, abrasion resistant, with special acoustic interlocking system, PUR
- High tensile strength
- High chemical resistance
- Standard rodent protection
- Good acoustic sensitivity
- Extra large diameter for better acoustic sensitivity
- Easy deployment

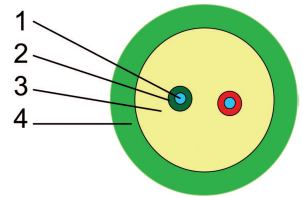
Application

- Acoustic
- Temperature mobile
- Rayleigh scattering
- Outdoors, harsh environment
- Attached to structures or in conduits

Remarks

- 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

LLK-BSAC 6...6.5 mm AC4



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	2	6.0	31	2000	800
4F	4	6.5	34	2000	800

Type	with tensile load Min. bending radius mm	without tensile load Min. bending radius mm	Max. crush resistance N/cm	Repeated bending Cycles
2F	15xD	10xD	450	450
4F	15xD	10xD	450	450

Optical fiber data (cabled) at 20°C

Fiber Type	Attenuation dB/km 850 nm	Attenuation dB/km 1064 nm	Attenuation dB/km 1300 / 1310 nm	Attenuation dB/km 1550 nm
SMF	NA	NA	≤0.36	≤0.25