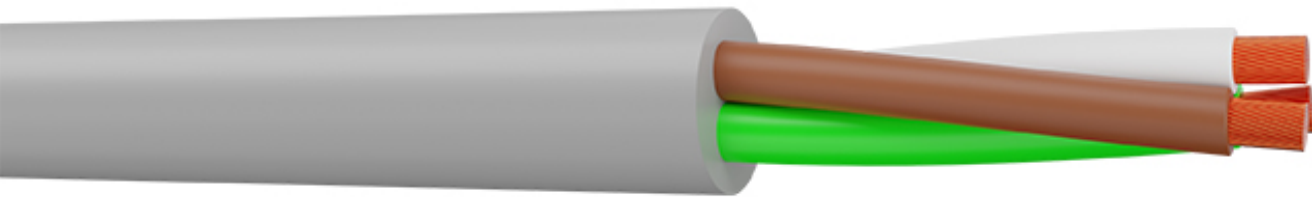


LIHH-B2CA

HIFLEX H cables, type LIHH, DIN47100, halogen-free CPR B2ca**DESCRIPTION**

HIFLEX-H B2ca cables, type LIHH, transmit analog and digital signals in process and control equipment for measurement, weighing, electronics, and industrial automation. Suitable for fixed or mobile installation, free movement without traction or forced guidance. Recommended for industrial, nuclear, steel, chemical sites, and public infrastructure.

**ADVANTAGES**

- LSZH
 - CPR B2ca s1a,d1,a1
- Other structures, sections, colors: please contact us.

**CONSTRUCTION & TECHNICAL PERFORMANCE**

Conductor material	Bare copper
Insulation Material	LSZH Compound
Insulation Identification Method	DIN 47100
Outer Sheath Material	LSZH
Color	Grey
Construction (mm ²)	3 x 0,25 mm ²

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	300 V / 500 V
Test voltage (V)	1.5 kV
Linear electrical resistance (Ω/Km)	Compliant with IEC 60228 class 5 standard

MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	8 x Ø ext
Bending Radius in Mobile Installation	15 x Ø ext

ENVIRONMENTAL CHARACTERISTIC

CPR classification	B2ca s1a, d1, a1
UV Resistance	NO

Updated: 23/09/2026

This document is confidential and is the property of ADALTRA. ADALTRA holds the copyright, and the document must not be copied or modified in any form, in whole or in part, without the prior written permission of ADALTRA. The specifications contained in this document are non-contractual and may be subject to change without prior notice.

ENVIRONMENTAL CHARACTERISTIC

Fixed Use Temperature	-30°C / +70°C
Mobile Use Temperature	-5°C / +70°C
Installation Temperature	0°C
Fire behaviour	IEC 60332-1, IEC 60332-3-24
Fire Behavior Type	Flame retardant IEC 60332-1 Fire retardant IEC 60332-3-24
Halogen-free Standard	IEC 60754-1/-2 IEC 61034-2

ORDER INFORMATION

REFERENCE	CONSTRUCTION	Ø SHEATH NOM (MM)	WEIGHT (KG/KM)
90200050SHB2	2x0.5	5.1	42
90300050SHB2	3x0.5	5.4	49
90400050SHB2	4x0.5	5.8	58
90500050SHB2	5x0.5	6.3	70
90600050SHB2	6x0.5	6.8	81
90700050SHB2	7x0.5	6.8	96
90800050SHB2	8x0.5	8.2	123
91000050SHB2	10x0.5	8.8	130
91200050SHB2	12x0.5	9.1	144
90200075SHB2	2x0.75	5.2	51
90300075SHB2	3x0.75	5.5	56
90400075SHB2	4x0.75	6.2	71
90500075SHB2	5x0.75	6.8	87
90600075SHB2	6x0.75	7.6	102
90700075SHB2	7x0.75	7.6	112
90800075SHB2	8x0.75	9.0	157
91000075SHB2	10x0.75	9.6	165
91200075SHB2	12x0.75	9.9	182
90200100SHB2	2x1	5.6	56
90300100SHB2	3x1	6.1	71
90400100SHB2	4x1	6.6	84
90500100SHB2	5x1	7.2	101
90600100SHB2	6x1	8.0	121
90700100SHB2	7x1	8.0	132
90800100SHB2	8x1	9.3	179

Updated: 23/09/2026

This document is confidential and is the property of ADALTRA. ADALTRA holds the copyright, and the document must not be copied or modified in any form, in whole or in part, without the prior written permission of ADALTRA. The specifications contained in this document are non-contractual and may be subject to change without prior notice.

REFERENCE	CONSTRUCTION	Ø SHEATH NOM (MM)	WEIGHT (KG/KM)
91000100SHB2	10x1	10.4	202
91200100SHB2	12x1	10.7	225
90200150SHB2	2x1.5	6.3	72
90300150SHB2	3x1.5	6.7	90
90400150SHB2	4x1.5	7.5	114
90500150SHB2	5x1.5	8.2	136
90600150SHB2	6x1.5	9.1	157
90700150SHB2	7x1.5	9.1	179
90800150SHB2	8x1.5	10.8	228
91000150SHB2	10x1.5	12.1	265
91200150SHB2	12x1.5	12.1	301