90410100SHB2T500

HIFLEX-CH Cable 4X1mm² LIHCH type shielded DIN 47100 color code - 1000m drum, grey

DESCRIPTION

Flexible class 5 data transmission cables, 300/500 V, overall shielding with tinned copper braid, LSZH sheath, CPR level B2ca s1ad1a1.



ADVANTAGES

- LSZH
- CPR B2ca s1a,d1,a1
- Overall shielding with tinned copper braid

Other structures, sections, color: please contact us.

Updated: 26/06/2026

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.

CONSTRUCTION & TECHNICAL PERFORMANCE	
Product Type	HIFLEX-CH LIHCH B2ca
Construction (mm²)	4 x 1 mm²
Conductor material	Bare copper
Conductor cross-section	1 mm²
Core composition	≤ 0.34mm² multi-strand ≥ 0.50mm² IEC60228 class 5
Insulation Material	LSZH Compound
Insulation Identification Method	DIN 47100
Assembly type	Multi conductors
Overall Shielding	Tinned copper braid
Outer Sheath Material	LSZH
Color	Grey
Minimum diameter of the outer sheath (mm)	7.1
Nom. diameter of the outer sheath (mm)	7.4
Max. diameter of the outer sheath (mm)	7.7
Weight (Kg/Km)	99
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	7 x Ø ext
ENVIRONMENTAL CHARACTERISTIC	
CPR classification	B2ca s1a, d1, a1
Fire behaviour	IEC 60332-1, IEC 60332-3-24
Fire Behavior Type	Flame retardant IEC 60332-1 Fire retardant IEC 60332-3-24
Fixed Use Temperature	-30°C / +70°C
Mobile Use Temperature	-5°C / +70°C
Halogen-free Standard	IEC 60754-1/-2 IEC 61034-2
ADDITIONAL INFORMATION	
Product Packaging	Drum of 500m

Updated: 26/06/2026

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.