

90210100SHB2T500

**HIFLEX-CH Cable 2X1mm² LIHCH
type shielded DIN 47100 color code -
1000m drum grey**



DESCRIPTION

Data transmission cables, flexible class 5, 300/500 V, overall shielding with tinned copper braid, LSZH sheath, CPR level B2ca s1a,d1,a1.



ADVANTAGES

- LSZH
 - CPR B2ca s1a,d1,a1
 - Overall shielding with tinned copper braid
- Other structures, sections, color: please contact us.

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CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	HIFLEX-CH LIHCH B2ca
Construction (mm ²)	2 x 1 mm ²
Conductor material	Bare copper
Conductor cross-section	1 mm ²
Core composition	≤ 0.34mm ² multi-strand ≥ 0.50mm ² 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)	6
Nom. diameter of the outer sheath (mm)	6.3
Max. diameter of the outer sheath (mm)	6.6
Weight (Kg/Km)	67

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
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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
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