

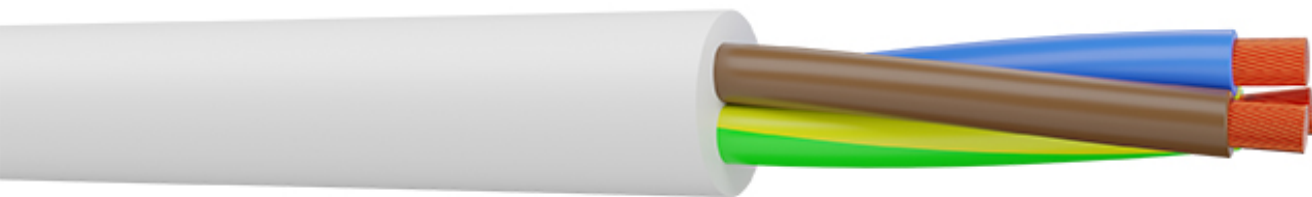
HSLH-JB-B2ca

CAELIFLEX-H B2ca HSLH-JB or OBZ cables - CPR B2ca



DESCRIPTION

CAELIFLEX JB/OB SH B2ca cables, type HSLH-JB/OB, are used as power, connection, and linking cables in electrical equipment for fixed installation and mobile use, with free movement, no tensile stress, and no forced guidance. They are an LSZH CPR B2ca s1a,d1,a1 alternative to H05VV-F PVC Eca cables. Recommended for industrial, nuclear, steel, chemical sites, and public infrastructure.



ADVANTAGES

- LSZH
- CPR B2ca s1a,d1,a1
- Color code HD308S2

Other structures, sections, color: please contact us.



CONSTRUCTION & TECHNICAL PERFORMANCE

Conductor material	Bare copper
Insulation Material	LSZH Compound
Insulation Identification Method	HD 308 S2
Outer Sheath Material	LSZH
Color	Grey
Nom. diameter of the outer sheath (mm)	6.7
Construction (mm ²)	3 G 2,5 mm ²

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	300 V / 500 V
Test voltage (V)	3 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
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)
1020075OZSHB2	2x0.75	5.2	51
1030075JBShB2	3G0.75	5.5	56
1040075JBShB2	4G0.75	6.2	71
1050075JBShB2	5G0.75	6.8	87
1020100OZSHB2	2x1	5.6	56
1030100JBShB2	3G1	6.1	71
1040100JBShB2	4G1	6.6	84
1050100JBShB2	5G1	7.2	101
1020150OZSHB2	2x1.5	6.3	72
1030150JBShB2	3G1.5	6.7	90
1040150JBShB2	4G1.5	7.5	114
1050150JBShB2	5G1.5	8.2	136
1020250OZSHB2	2x2.5	7.7	112
1030250JBShB2	3G2.5	8.2	139
1040250JBShB2	4G2.5	9.1	175
1050250JBShB2	5G2.5	10.0	209