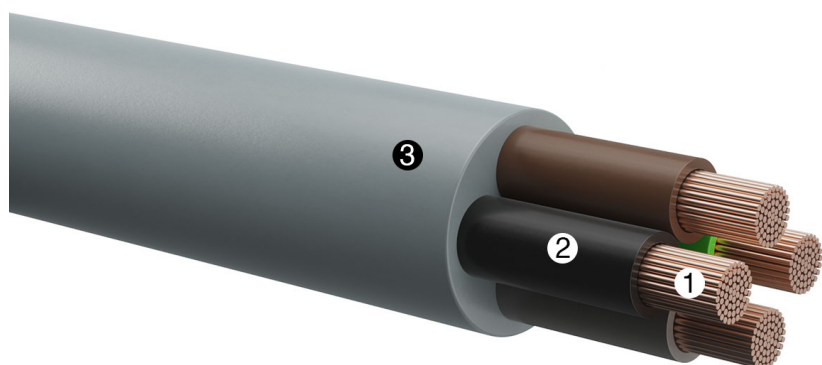


FS29OM16 450/750V LSZH

Li-HH

Li-HH

Power, controls and signalling cables, fire retardant and halogen-free



Legend

1. Conductor
2. Insulation
3. Sheath



CPR CLASSIFICATIONS
Cca-s1b,d1,a1



View the product
on the website

DETAILS

Key features

For fixed and mobile indoor installation in dry or wet environments and temporarily outdoor. They can be installed in cable trays, pipes, conduits and similar systems. Not for direct burial.

Application

For sections smaller than 1.5mm², they are suitable for the transmission of signals and commands for the interconnection of instrumentation and control systems with digital or analog signal transmission. For sections smaller than 1.5mm², they are suitable for the transmission of signals and commands for the interconnection of instrumentation and control systems with digital or analog signal transmission. For larger sections, they are suitable for energy transport and the transmission of signals and controls intended for interconnection between parts of construction machines, equipment generally including machine tools. In environments that do not face with high risk of fire as buildings intended for civil use, with a fire height less than 24 m, waiting room, bar, restaurant, medical studio. (Low risk - bunch laying). Places with high crowd density, easy of evacuation and/or high risk for things/equipment that might be present (BD3 CEI UNEL 35016).

Eg Environment open to the public (theaters, cinemas, shopping centers).

TECHNICAL SPECIFICATIONS

Features	Values	Rules
Conductors:	annealed red copper cl.5	CEI EN 60228
Insulation :	LSZH thermoplastic compound	CEI EN 50363
Cores colour:	DIN 47100 <=1mmq, UNEL 00722 >=1,5mmq	
Sheath:	LSZH thermoplastic compound	
Sheath colour :	grey RAL 7001	
Rated voltage Uo/U:	450/750V	
Max voltage:	825 V	
Testing voltage :	2500 V	
Max working temperature :	70 °C	
Short circuit temperature:	160 °C	
Min. installation temperature:	0 °C	
Bending radius:	Ø x 6	
Max standard twisting (2x cable):	>= 10 twist/meter	

UE REGULATION 305/2011

Features	Values	Rules
SYSTEM AVCP	1+	EN 50575:2014 + A1:2016
Classification	Cca-s1b,d1,a1	UNI EN 13501-6
Cca	Heat release and flame spread(FS <= 2m)	EN 50399
s1b	Smoke transmittance >= 60% <80% (TSP <= 50 m2 and SPR <= 0.25 m2 / s)	EN 50399 + EN 61034-2
d1	No flaming droplets/particles persisting longer than 10 seconds	EN 50399
a1	Gas acidity (Conductivity 4.3)	EN 50267-2-3
	Flame propagation (H <= 425 mm)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY FS29OM16 450/750 V LSZH Cca-s1b,d1,a1 CE Type - Year/lot - 00000m	

VARIANTS

TYPE N° x mm²	Ø MEDIUM EXTERIOR mm	MEDIUM WEIGHT kg/km	CODE
2x0,50	4.7	32	B82C02050
3x0,50	4.9	38	B82C03050
4x0,50	5.4	45	B82C04050
6x0,50	6.5	64	B82C06050
8x0,50	7.3	83	B82C08050
12x0,50	8.5	114	B82C12050
2x0,75	5.5	45	B82C02075
3x0,75	5.8	53	B82C03075
4x0,75	6.3	64	B82C04075
6x0,75	7.6	91	B82C06075
8x0,75	8.2	113	B82C08075
12x0,75	10.2	167	B82C12075
2x1	5.9	53	B82C02100
3x1	6.2	64	B82C03100
4x1	6.8	78	B82C04100

TYPE N° x mm²	Ø MEDIUM EXTERIOR mm	MEDIUM WEIGHT kg/km	CODE
6x1	8.2	110	B82C06100
8x1	8.8	137	B82C08100
12x1	11	203	B82C12100
2x1,50	6.9	74	B82C02150
3G1,50	7.3	90	B82C03150
4G1,50	7.9	109	B82C04150
5G1,50	8.9	133	B82C05150
7G1,50	9.8	176	B82C07150
12G1,50	12.7	277	B82C12150
2x2,50	7.9	105	B82C02250
3G2,50	8.4	128	B82C03250
4G2,50	9.3	162	B82C04250
5G2,50	10.4	198	B82C05250
7G2,50	11.3	256	B82C07250
12G2,50	14.8	409	B82C12250

L'azienda si riserva la facoltà di modificare/adeguare senza preavviso le informazioni tecniche e dimensionali dei prodotti inseriti nel sito.