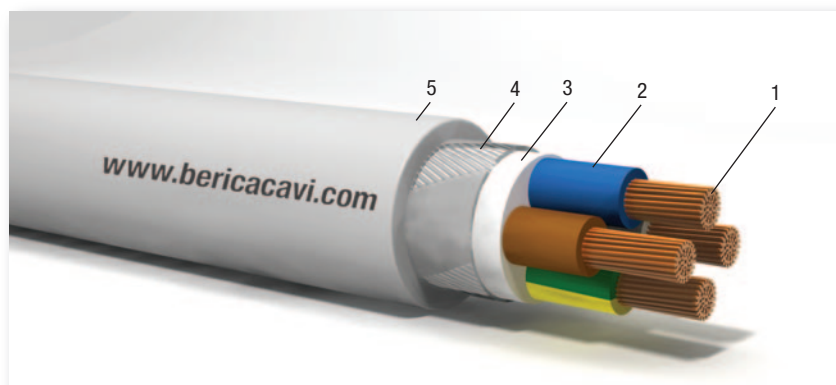


Power, control and signaling cables, with steel wire armour, fire retardant and low halogens emission



1. Conductor
2. Insulation
3. Inner sheath
4. Armour
5. Outer sheath

APPLICATION: Suitable for the transport of energy and the transmission of signals and controls in the construction sites and in residential construction, when it is required a high degree of mechanical protection (rodents and termites).

INSTALLATION: For fixed indoor and outdoor installation even in wet environments. They can be installed on wall and metal structures, on platforms, pipes, conduits and similar systems. Cable for direct and indirect burial.

FEATURES	DESCRIPTION	STANDARD
Conductors :	annealed red copper cl.5	CEI EN 60228 (Tab. 9)
Insulation :	LSZH compound, G7 quality	CEI EN 50363
Cores colour :		CEI UNEL 00722 - HD 308
Inner sheath :	thermoplastic compound	CEI EN 50363
Armour :	steel wire with steel tape wrapped helically	
Outer sheath :	PVC , Rz quality	CEI EN 50363
Outer sheath colour :	grey RAL 7035	
Fire retardant :		CEI 20-22/II
Flame retardant :		CEI EN 60332-1-2
Low halogens emission :	(< 22%)	CEI EN 50267-2-1- IEC 60754-1
DC resistance :	according to	CEI EN 60228 (Tab. 9)
Current capacity :		CEI UNEL 35024/1 - CEI UNEL 35026
Rated voltage U ₀ /U:	0,6/1 kV	
Max. voltage :	1,2 kV	
Testing voltage :	4 kV	
Max working temperature :	90 °C	
Short-circuit temperature :	250 °C	
Min. installation temperature :	0 °C	
Bending radius :	Ø x 14	
Max standard twisting (2x cable) :	≥ 10 twists/meter	
Printing :	BERICA CAVI S.P.A. ITALY FG70FR 0,6/1 kV CEI 20-22 II CE Year/Lot - Type - 00000 m	

Power, control and signaling cables, with steel wire armour, fire retardant and low halogens emission

TYPE N° x mm²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE N° x mm²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
2x1,5	12,0	268,0	B2002150	2x6	15,7	390,0	B2002600
3G1,5	12,5	294,0	B2003150	3G6	16,4	482,0	B2003600
4G1,5	13,4	209,0	B2004150	4G6	17,7	620,0	B2004600
5G1,5	14,3	434,0	B2005150	5G6	19,3	640,0	B2205600
7G1,5	15,2	465,0	B2007150	7G6	20,8	790,0	B2207600
10G1,5	18,4	635,0	B2010150	10G6	25,5	1220,0	B2010600
12G1,5	19,2	676,0	B2012150	12G6	26,7	1400,0	B2012600
16G1,5	21,1	847,0	B2016150	16G6	29,6	1850,0	B2016600
19G1,5	22,1	968,0	B2019150				
24G1,5	24,9	1101,0	B2024150	2x10	17,8	590,0	B20021000
30G1,5	26,8	1373,0	B2030150	3G10	18,9	660,0	B20031000
36G1,5	28,9	1642,0	B2036150	4G10	20,7	800,0	B20041000
48G1,5	32,6	2114,0	B2048150	5G10	22,4	1040,0	B20051000
2x2,5	12,8	310,0	B2002250	2x16	20,6	950,0	B20021600
3G2,5	13,4	360,0	B2003250	3G16	21,7	1105,0	B20031600
4G2,5	14,4	410,0	B2004250	4G16	23,8	1290,0	B20041600
5G2,5	15,4	505,0	B2005250				
7G2,5	16,7	580,0	B2007250	2x25	24,2	1390,0	B20022500
10G2,5	20,2	820,0	B2010250	3G25	25,6	1550,0	B20032500
12G2,5	21,1	860,0	B2012250	4G25	28,1	1760,0	B20042500
16G2,5	23,4	1110,0	B2016250				
19G2,5	24,4	1340,0	B2019250				
24G2,5	27,4	1620,0	B2024250				
30G2,5	29,8	1990,0	B2030250				
36G2,5	31,9	2410,0	B2036250				
2x4	14,2	420,0	B2002400				
3G4	14,8	460,0	B2003400				
4G4	16,1	530,0	B2004400				
5G4	17,4	615,0	B2005400				
7G4	18,9	730,0	B2007400				
10G4	23,0	1095,0	B2010400				
12G4	24,0	1230,0	B2012400				
16G4	26,4	1640,0	B2016400				
19G4	27,9	1890,0	B2019400				