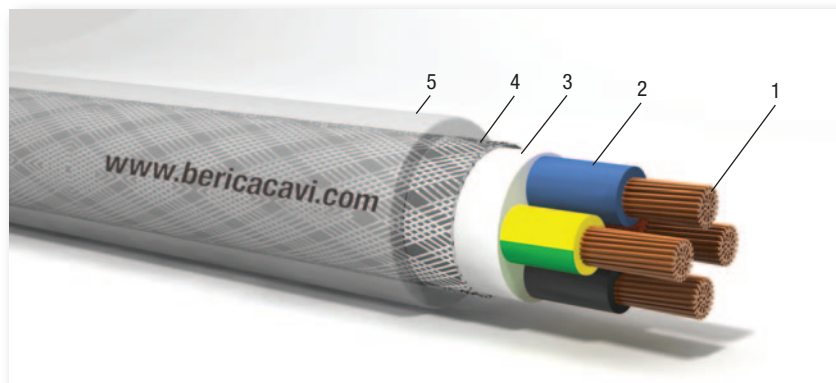


Power, controls and signaling cables, with steel wire braid armour, fire retardant and low halogens emission



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

APPLICATION: Suitable for the transport of energy and transmission of signals and commands in the connections of machines and equipment in general where it requires a high degree of protection against rodents and termites.

INSTALLATION: For fixed 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.

FEATURES	DESCRIPTION	STANDARD
Conductors :	annealed red copper cl.5	CEI EN 60228 (Tab. 9)
Insulation :	PVC , R2 quality	CEI EN 50363
Cores colour :		CEI UNEL 00722 - HD 308
Inner sheath :	thermoplastic compound	
Armour :	braid of galvanized steel , covering >80%	
Outer sheath :	PVC , TM2 quality	CEI EN 50363
Outer sheath colour :	trasparent	
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 20-40
Rated voltage Uo/U :	450/750 V	
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 14	
Max standard twisting (2x cable) :	≥ 10 twist/meter	
Printing :	BERICA CAVI S.P.A. ITALY FRORAR 450/750 V O.R. CEI 20-22 II CE Type - Year/Lot - 00000 m	

Power, controls and signaling cables, with steel wire braid 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
2x0,50	7,5	52	B1802050	2x2,5	11,1	210	B1802250
3G0,50	7,7	64	B1803050	3G2,5	11,6	240	B1803250
4G0,50	8,4	81	B1804050	4G2,5	12,8	270	B1804250
5G0,50	8,8	96	B1805050	5G2,5	13,7	340	B1805250
7G0,50	10,2	118	B1807050	7G2,5	15,5	450	B1807250
10G0,50	12,5	210	B1810050	10G2,5	18,6	590	B1810250
12G0,50	13,0	230	B1812050	12G2,5	19,4	630	B1812250
16G0,50	14,4	260	B1816050	16G2,5	21,7	750	B1816250
24G0,50	17,3	425	B1824050	24G2,5	25,3	1190	B1824250
2x0,75	8,1	70	B1802075	2x4	13,1	270	B1802400
3G0,75	8,4	88	B1803075	3G4	13,7	310	B1803400
4G0,75	9,1	108	B1804075	4G4	15,5	400	B1804400
5G0,75	9,6	128	B1805075	5G4	16,7	480	B1805400
7G0,75	10,6	190	B1807075	2x6	14,5	390	B1802600
10G0,75	12,9	255	B1810075	3G6	15,8	445	B1803600
12G0,75	13,4	290	B1812075	4G6	17,0	580	B1804600
16G0,75	14,4	350	B1816075	5G6	18,3	700	B1805600
24G0,75	17,3	497	B1824075				
2x1	8,5	105	B1802100	2x10	17,9	640	B18021000
3G1	8,8	120	B1803100	3G10	19,0	700	B18031000
4G1	9,4	137	B1804100	4G10	20,8	860	B18041000
5G1	10,6	198	B1805100	5G10	22,9	1080	B18051000
7G1	11,2	220	B1807100	2x16	20,3	950	B18021600
10G1	13,7	340	B1810100	3G16	22,0	1130	B18031600
12G1	14,4	400	B1812100	4G16	23,8	1360	B18041600
16G1	16,2	490	B1816100	2x25	24,3	1450	B18022050
24G1	18,5	510	B1824100	3G25	25,6	1675	B18032500
				4G25	27,9	1910	B18042500
2x1,5	9,5	135	B1802150				
3G1,5	10,3	170	B1803150				
4G1,5	11,0	200	B1804150				
5G1,5	11,7	235	B1805150				
7G1,5	12,9	275	B1807150				
10G1,5	16,0	465	B1810150				
12G1,5	16,7	495	B1812150				
16G1,5	18,1	550	B1816150				
24G1,5	21,8	750	B1824150				