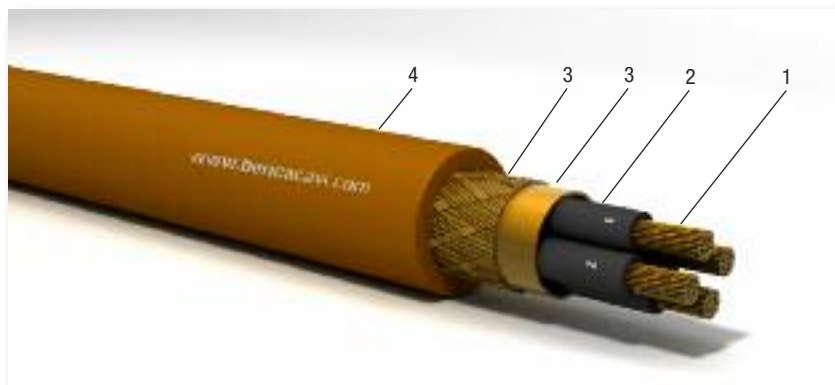


Power, controls and signaling cables with Al/Pet tape and red copper braid shield, fire retardant and low halogens emission.



1. Conductor
2. Insulation
3. Shield
4. Sheath

CPR
EU 305/2011

Cca-s3,d1,a3

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 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, where a certain level of protection against electromagnetic interference (Copper braid) and electrostatic (aluminum / polyester tape). 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)**

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	STANDARDS
Conductors:	annealed red copper	CEI EN 60228 (Tab.9)
Insulation:	PVC, S18 quality	CEI 20-11/0-1 (CEI EN 50363)
Cores colour:	UNEL 00722 or Black numbered	UNEL 00722
Shield:	Al/Pet tape	
Shield:	braid of annealed red copper	
Sheath:	PVC, R18 quality	CEI 20-11/0-1 (CEI EN 50363)
Sheath colour:	Brown RAL 8003	
Low halogen emission:	(< 22%)	CEI EN 50267-2-1 - IEC 60754-1
Oil resistant:		CEI 20-34/0-1
DC resistance:		CEI EN 60228 (Tab. 9)
Rated voltage Uo/U:	300/500 V	
Max. voltage:	550 V	
Testing voltage:	2000 V	
Max working temperature:	70 °C	
Short-circuit temperature:	160 °C	
Min installation temperature:	-15 °C	
Bending radius:	Ø x 8	
Max standard twisting (2x cable):	≥ 10 twists/meter	
REGULATION (UE) 305/2011		
AVCP System:	1+	EN 50575:2014 + A1:2016
Classification :	Cca-s3,d1,a3	UNI EN 13501-6
Cca :	Heat release and flame spread(FS ≤ 2m)	EN 50399
s3 :	Smoke production (not s1 or s2)	EN 50399
d1 :	No flaming droplets/particles persisting longer than 10 s	EN 50399
a3 :	Gas acidity (not a1 or a2)	EN 50267-2-3
	Flame propagation (H ≤ 425 mm)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY FS180HH2R18 300/500V CEI UNEL 35722 Cca-s3,d1,a3 CE Type -Year/Lot - 00000 m	

Power, controls and signaling cables with Al/Pet tape and red copper braid shield, fire retardant and low halogens emission.

TYPE Nr x mm	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
2x0,50	5,6	38	B07C02050
3G0,50	5,8	47	B07C03050
4G0,5	6,3	56	B07C04050
5G0,5	6,8	65	B07C05050
7G0,5	7,5	85	B07C07050
10G0,5	9,2	118	B07C10050
12G0,5	9,6	133	B07C12050
14G0,5	10,3	156	B07C14050
16G0,5	10,8	173	B07C16050
19G0,5	11,3	197	B07C19050
24G0,5	13,0	248	B07C24050
27G0,5	13,6	273	B07C27050
2x0,75	6,0	46	B07C02075
3G0,75	6,2	55	B07C03075
4G0,75	6,9	70	B07C04075
5x0,75	7,5	84	B07C05075
7G0,75	8,1	106	B07C07075
10G0,75	10,2	153	B07C10075
12G0,75	10,6	172	B07C12075
14G0,75	11,1	194	B07C14075
16G0,75	11,9	225	B07C16075
19G0,75	12,5	256	B07C19075
24G0,75	14,5	332	B07C24075
27G0,75	15,2	365	B07C27075
2x1	6,4	53	B07C02100
3G1	6,7	67	B07C03100
4G1	7,4	84	B07C04100
5G1	8,0	100	B07C05100
7G1	8,9	131	B07C07100
10G1	11,0	183	B07C10100
12G1	11,5	211	B07C12100
14G1	12,2	243	B07C14100
16G1	12,8	271	B07C16100
19G1	13,8	322	B07C19100
24G1	15,7	402	B07C24100
27G1	16,4	444	B07C27100
2x1,5	7,0	66	B07C02150
3G1,5	7,3	82	B07C03150
4G1,5	7,9	102	B07C04150
5G1,5	8,8	127	B07C05150
7G1,5	9,5	162	B07C07150
10G1,5	11,9	231	B07C10150
12G1,5	12,5	266	B07C12150
14G1,5	13,4	311	B07C14150
16G1,5	14,1	353	B07C16150
19G1,5	15,0	412	B07C19150
24G1,5	17,2	517	B07C24150
27G1,5	18,0	572	B07C27150
2x2,5	8,7	103	B07C02250
3G2,5	9,1	132	B07C03250
4G2,5	9,9	164	B07C04250
5G2,5	11,0	201	B07C05250